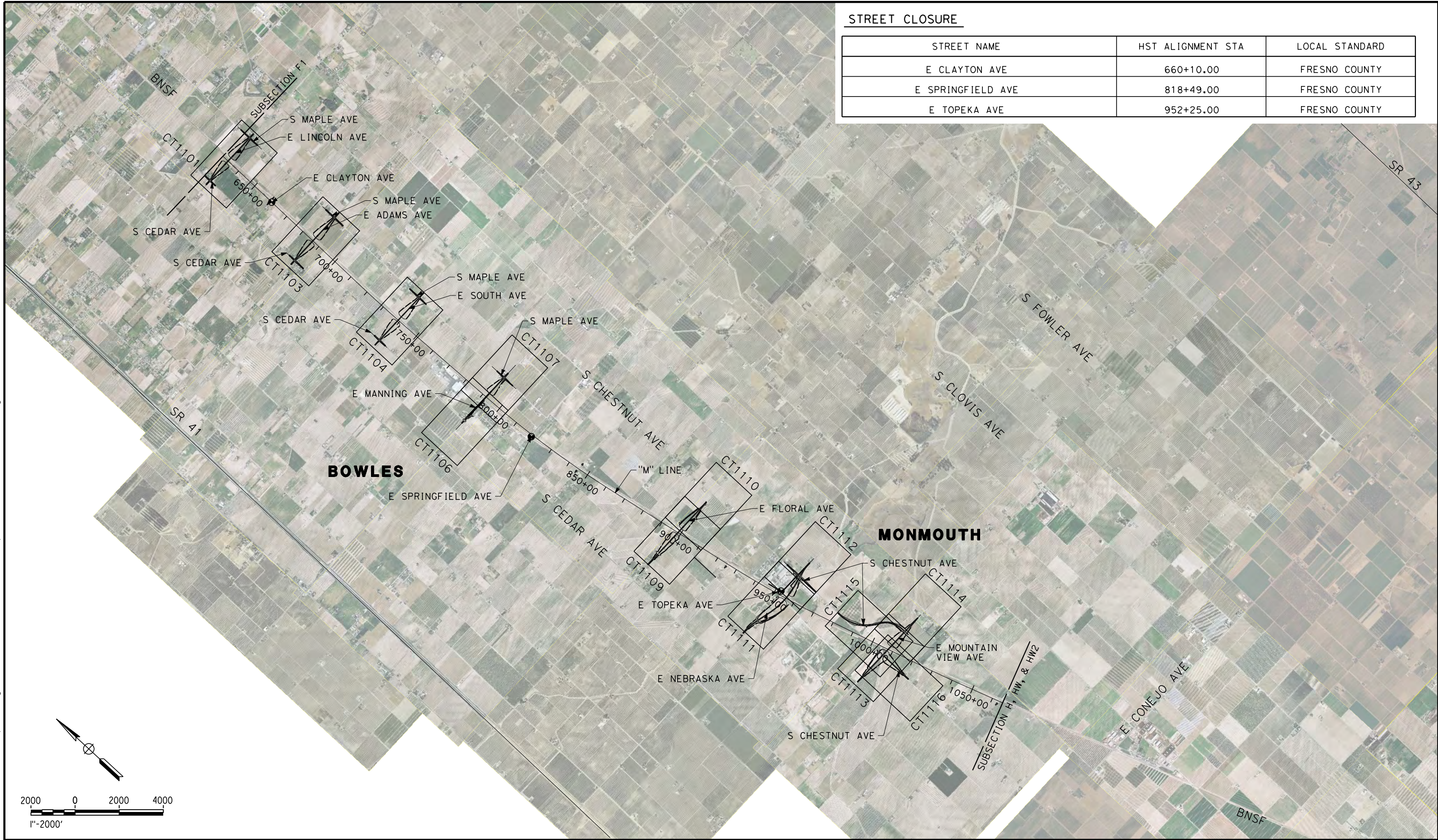


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STREET CLOSURE

STREET NAME	HST ALIGNMENT STA	LOCAL STANDARD
E CLAYTON AVE	660+10.00	FRESNO COUNTY
E SPRINGFIELD AVE	818+49.00	FRESNO COUNTY
E TOPEKA AVE	952+25.00	FRESNO COUNTY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CANNON
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 12/31/13

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

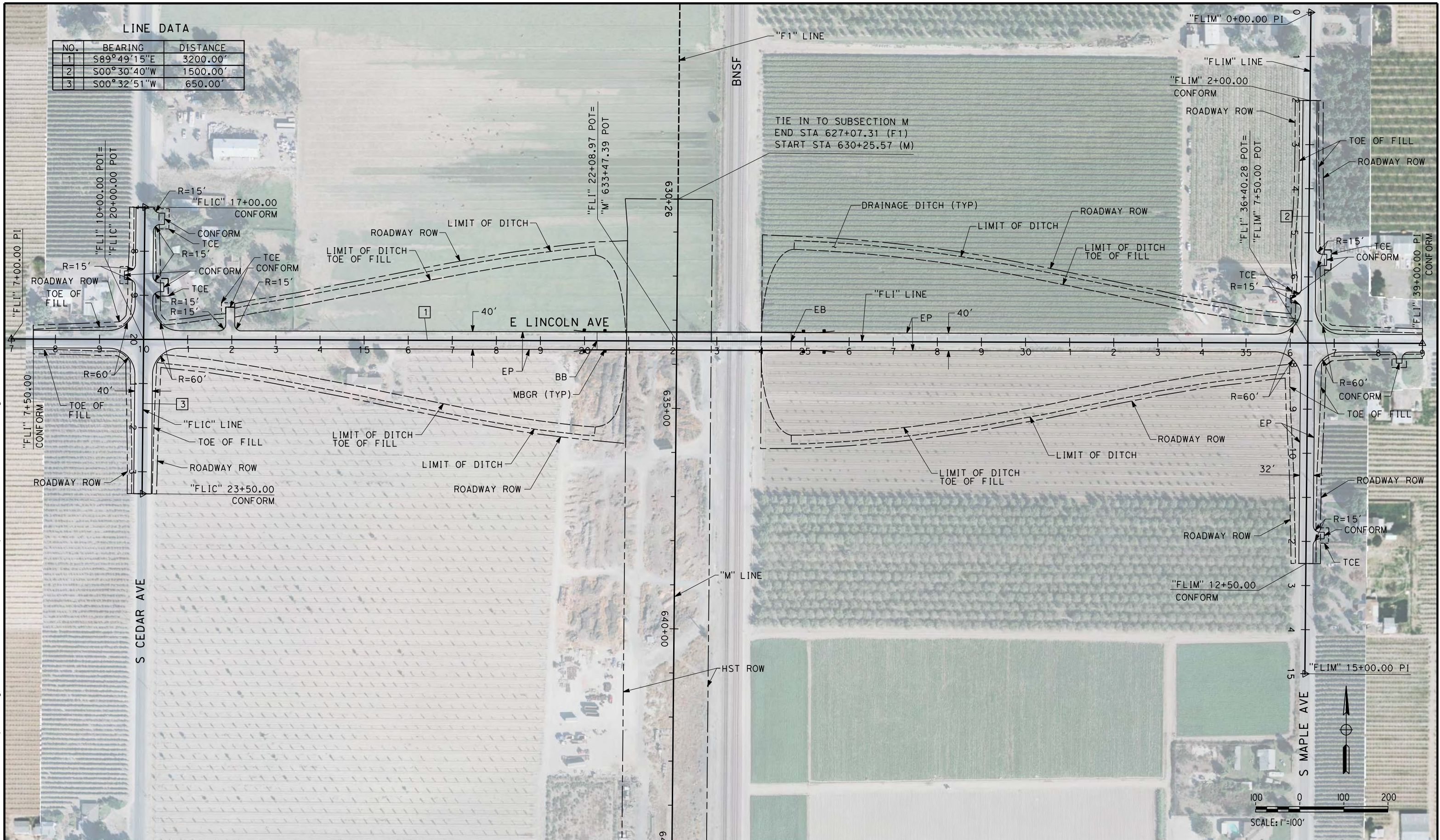
MONMOUTH SUBSECTION
ALIGNMENT M
ROADWAY / GRADE SEPARATION
KEY MAP

CONTRACT NO. HSR 06-0003
DRAWING NO. CB0050
SCALE AS SHOWN
SHEET NO. 1 OF 32

12/27/2013 10:40:51 AM c:\pwworking\hmm\external\aron.sudhausen-arup.com\d0125352\FB-CT-1101-M.dgn

LINE DATA

NO.	BEARING	DISTANCE
1	S89°49'15"E	3200.00'
2	S00°30'40"W	1500.00'
3	S00°32'51"W	650.00'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CANNON
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 12/31/13

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**



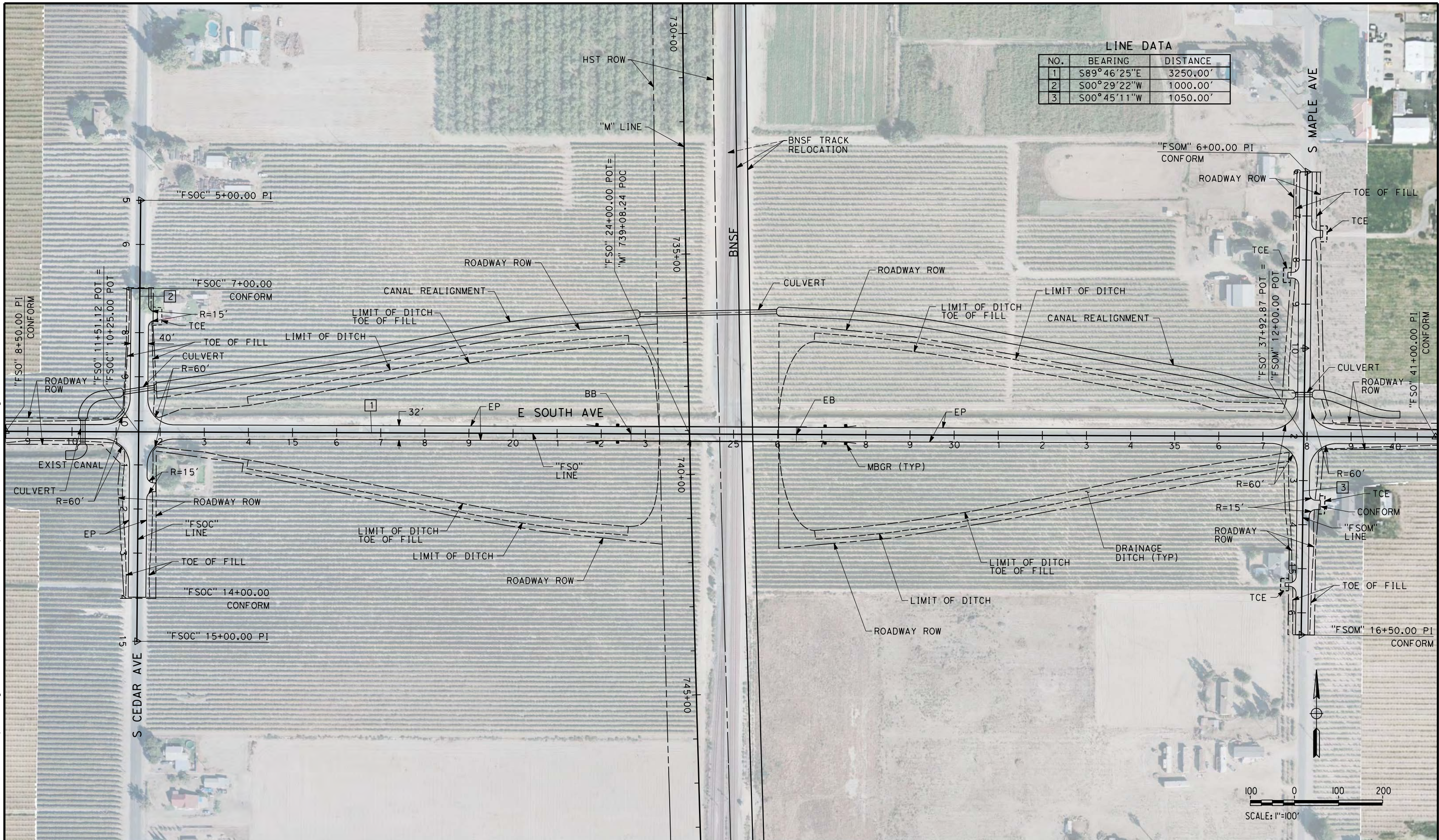
CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

MONMOUTH SUBSECTION
ALIGNMENT M
GRADE SEPARATION LAYOUT
E LINCOLN AVE

CONTRACT NO. HSR 06-0003
DRAWING NO. CT1101
SCALE AS SHOWN
SHEET NO. 2 OF 32

ercon-sudhausen 12/27/2013 10:43:27 AM c:\pwworking\hmm\external\ercon.sudhausen-arup.com\d0125352\FB-CT-1104-M.dgn



LINE DATA		
NO.	BEARING	DISTANCE
1	S89°46'25"E	3250.00'
2	S00°29'22"W	1000.00'
3	S00°45'11"W	1050.00'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CANNON
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 12/31/13

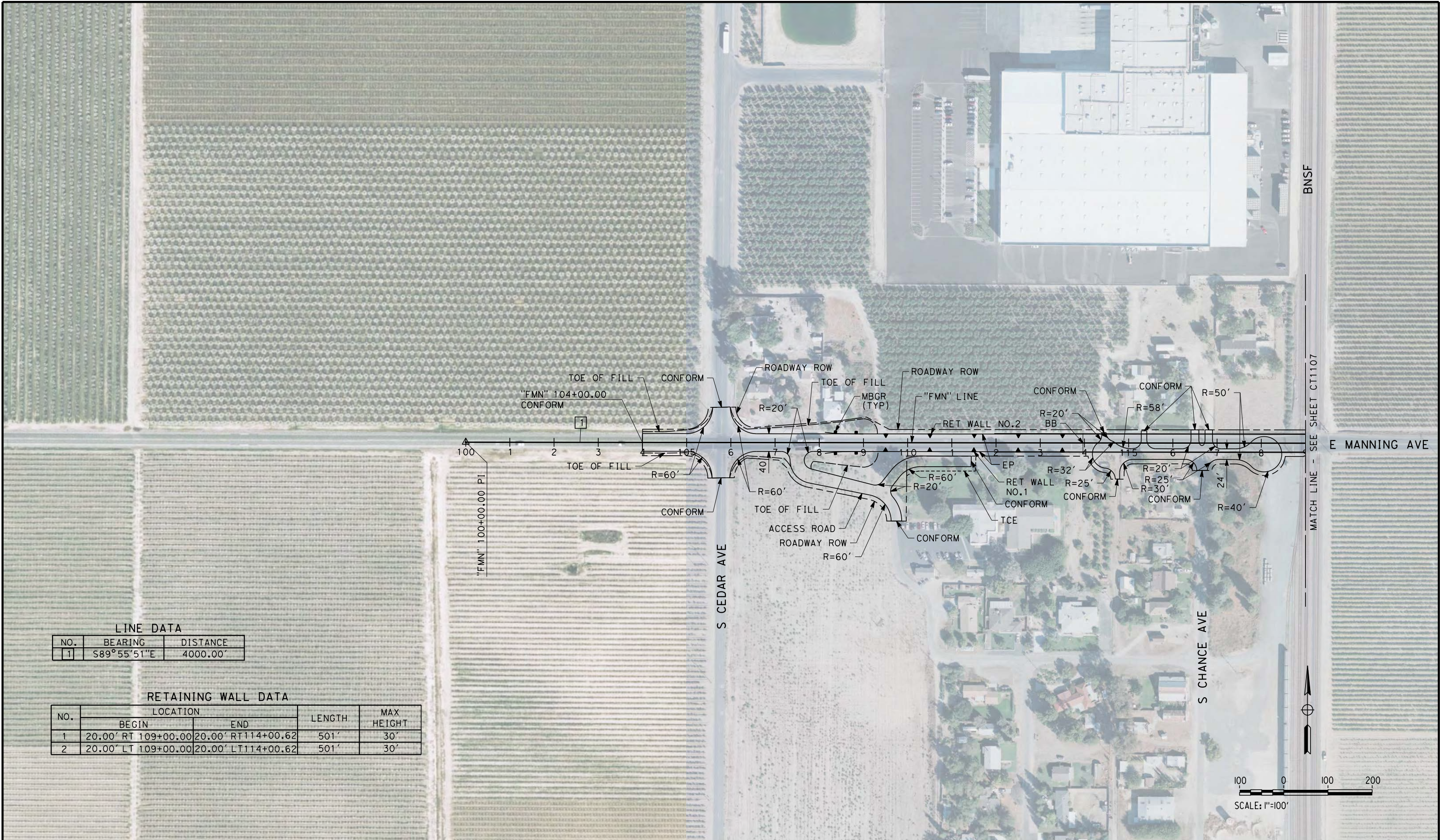
RECORD SET 15% DESIGN SUBMISSION
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD
MONMOUTH SUBSECTION ALIGNMENT M GRADE SEPARATION LAYOUT E SOUTH AVE

CONTRACT NO. HSR 06-0003
DRAWING NO. CT1104
SCALE AS SHOWN
SHEET NO. 4 OF 32

12/27/2013 10:45:24 AM c:\pwworking\hmm\external\eron.sudhausen-arup.com\d0125352\FB-CT-1106-M.dgn



LINE DATA

NO.	BEARING	DISTANCE
1	S89°55'51"E	4000.00'

RETAINING WALL DATA

NO.	LOCATION		LENGTH	MAX HEIGHT
	BEGIN	END		
1	20.00' RT 109+00.00	20.00' RT 114+00.62	501'	30'
2	20.00' LT 109+00.00	20.00' LT 114+00.62	501'	30'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CANNON
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 12/31/13

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**

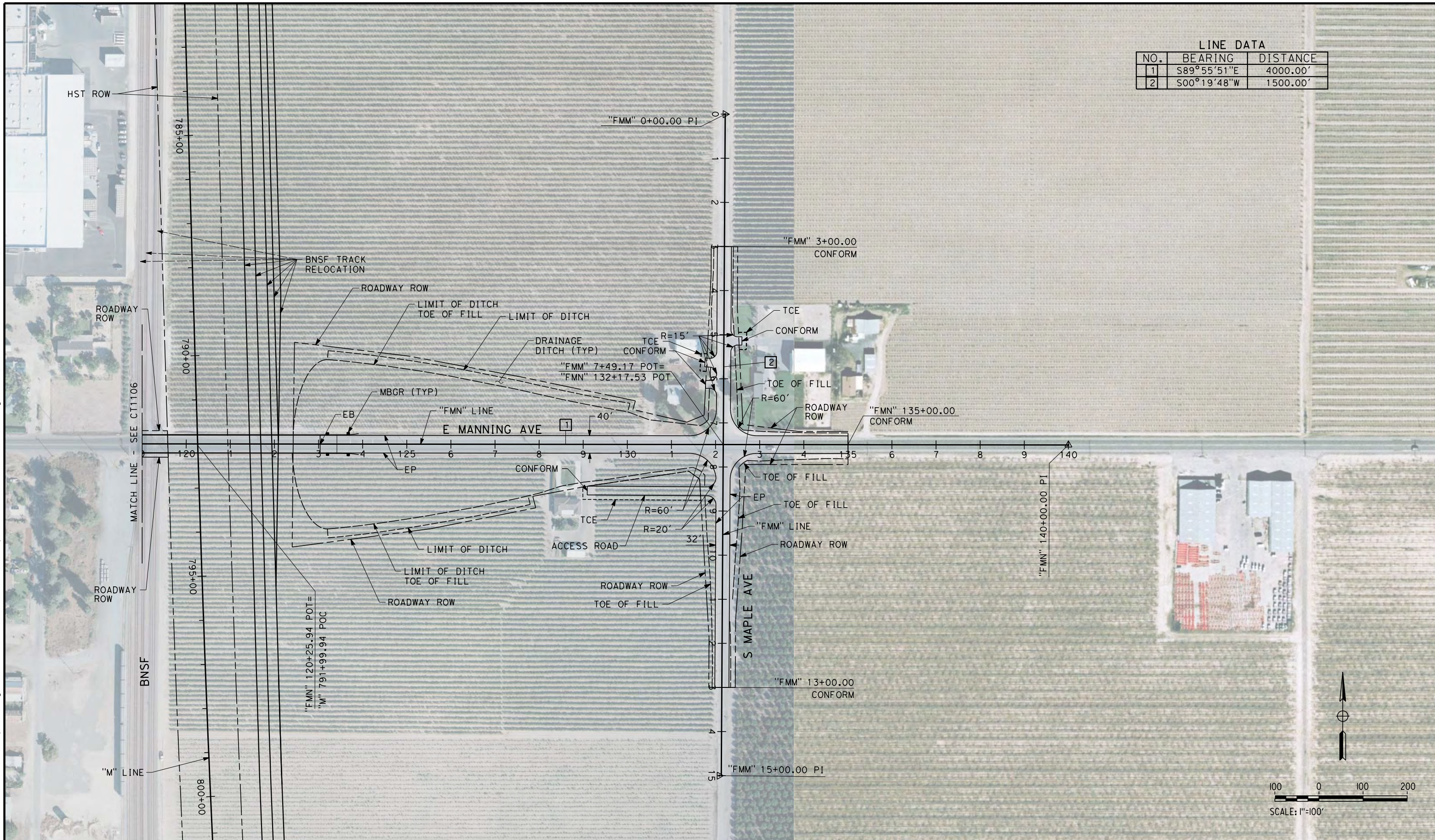


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

MONMOUTH SUBSECTION
ALIGNMENT M
GRADE SEPARATION LAYOUT
E MANNING AVE

CONTRACT NO. HSR 06-0003
DRAWING NO. CT1106
SCALE AS SHOWN
SHEET NO. 5 OF 32

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LINE DATA		
NO.	BEARING	DISTANCE
1	S89°55'51"E	4000.00'
2	S00°19'48"W	1500.00'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CANNON
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 12/31/13

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**

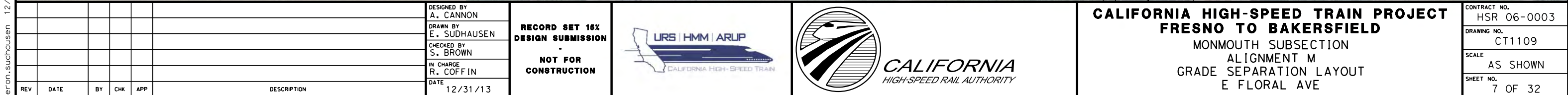


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

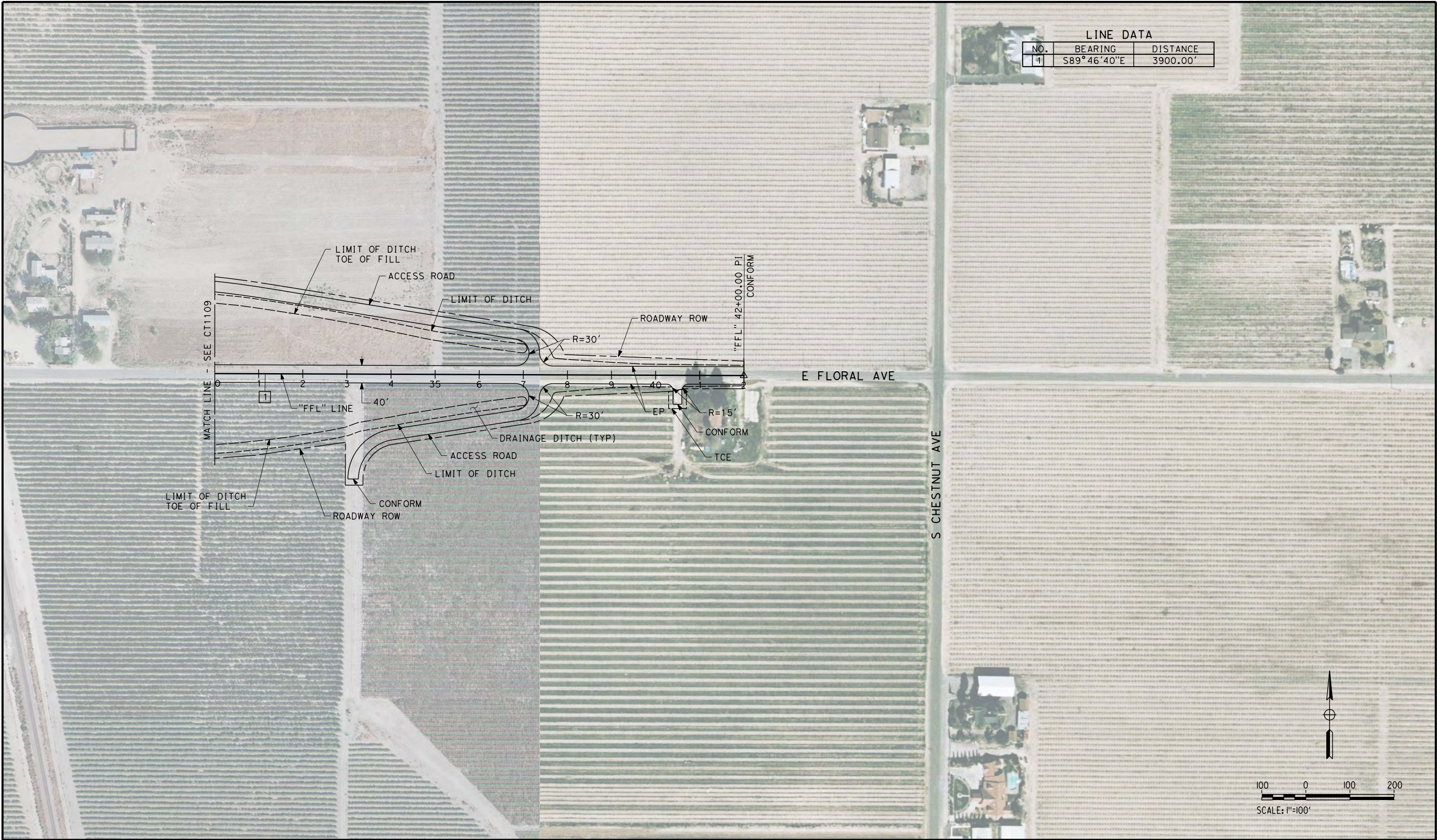
MONMOUTH SUBSECTION
ALIGNMENT M
GRADE SEPARATION LAYOUT
E MANNING AVE

CONTRACT NO. HSR 06-0003
DRAWING NO. CT1107
SCALE AS SHOWN
SHEET NO. 6 OF 32

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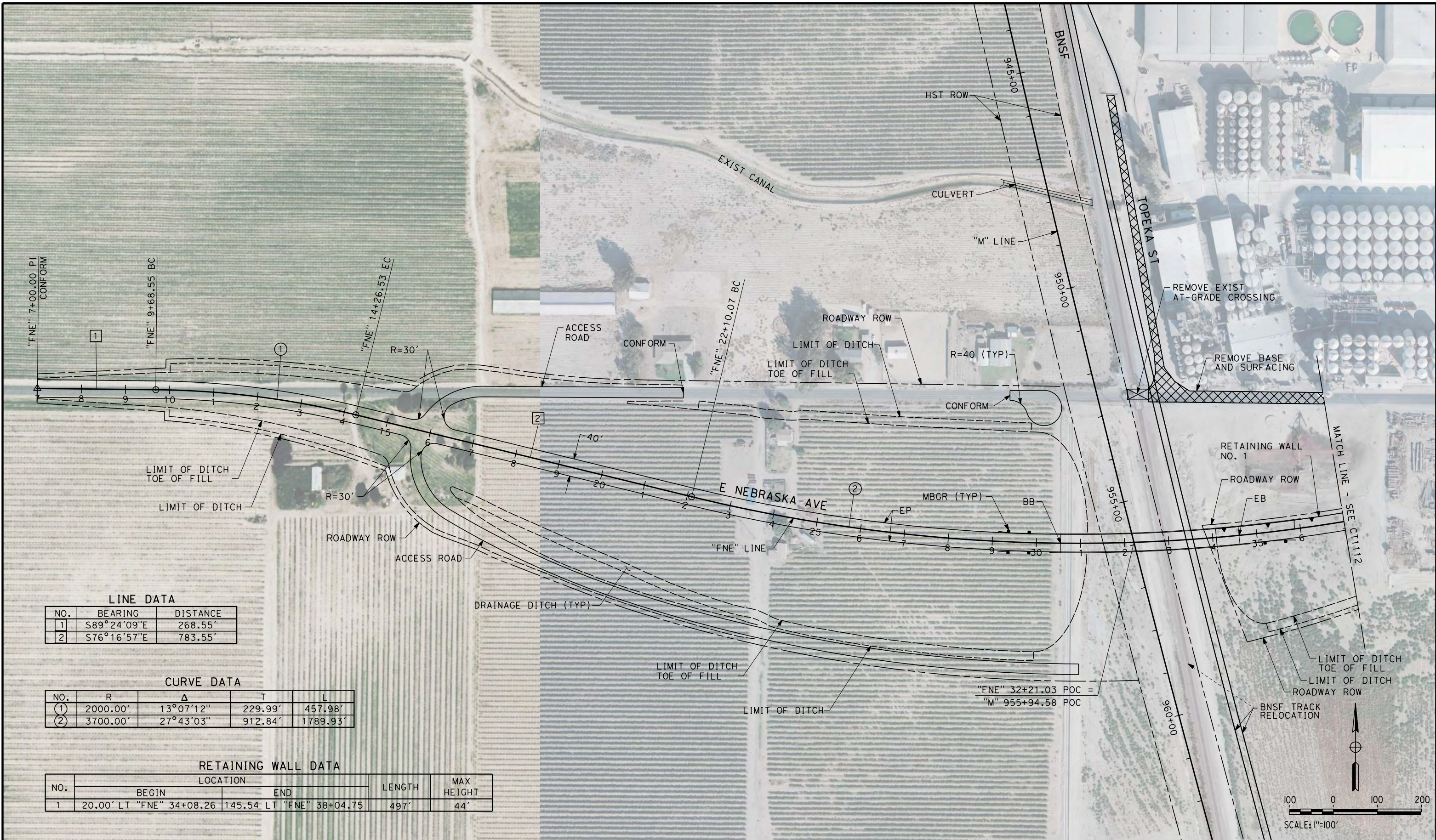


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						DESIGNED BY A. CANNON	RECORD SET 15% DESIGN SUBMISSION NOT FOR CONSTRUCTION	 	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD MONMOUTH SUBSECTION ALIGNMENT M GRADE SEPARATION LAYOUT E FLORAL AVE		CONTRACT NO. HST 06-0003
					DRAWN BY E. SUDHAUSEN	DRAWING NO. CT1110					
					CHECKED BY S. BROWN	SCALE AS SHOWN					
					IN CHARGE R. COFFIN	SHEET NO. 8 OF 32					
					DATE 12/31/13						
REV	DATE	BY	CHK	APP	DESCRIPTION						

12/27/2013 10:50:26 AM c:\pwworking\hmm\external\aron.sudhausen-arup.com\d0125352\FB-CT-1111-M.dgn



LINE DATA

NO.	BEARING	DISTANCE
1	S89°24'09"E	268.55'
2	S76°16'57"E	783.55'

CURVE DATA

NO.	R	Δ	T	L
1	2000.00'	13°07'12"	229.99'	457.98'
2	3700.00'	27°43'03"	912.84'	1789.93'

RETAINING WALL DATA

NO.	LOCATION		LENGTH	MAX HEIGHT
	BEGIN	END		
1	20.00' LT "FNE" 34+08.26	145.54 LT "FNE" 38+04.75	497'	44'

DESIGNED BY
A. CANNON
DRAWN BY
E. SUDHAUSEN
CHECKED BY
S. BROWN
IN CHARGE
R. COFFIN
DATE
12/31/13

RECORD SET 15%
DESIGN SUBMISSION

NOT FOR
CONSTRUCTION

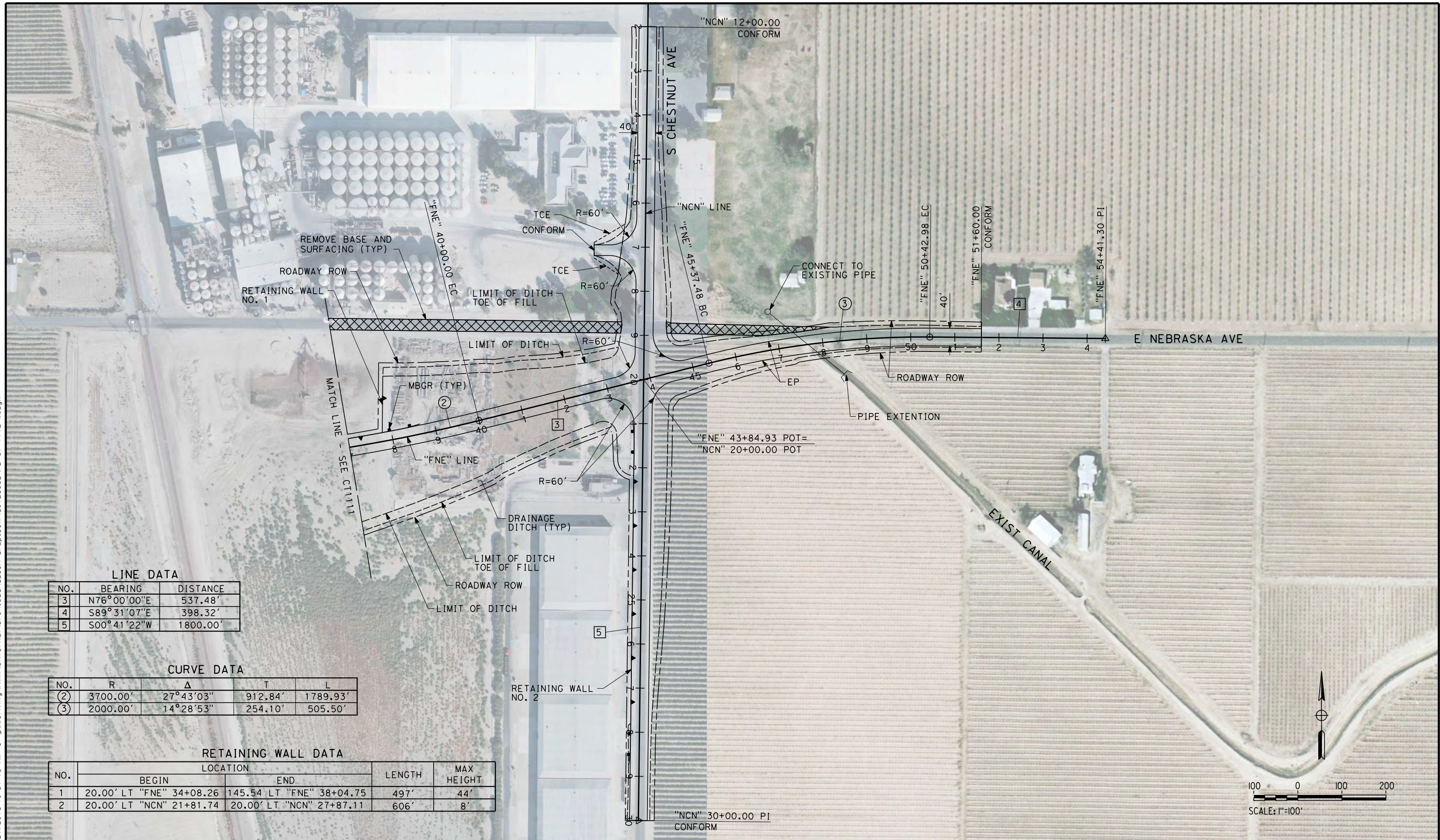


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
MONMOUTH SUBSECTION
ALIGNMENT M
GRADE SEPARATION LAYOUT
E NEBRASKA AVE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CT1111
SCALE
AS SHOWN
SHEET NO.
9 OF 32

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LINE DATA

NO.	BEARING	DISTANCE
3	N76°00'00"E	537.48'
4	S89°31'07"E	398.32'
5	S00°41'22"W	1800.00'

CURVE DATA

NO.	R	Δ	T	L
②	3700.00'	27°43'03"	912.84'	1789.93'
③	2000.00'	14°28'53"	254.10'	505.50'

RETAINING WALL DATA

NO.	LOCATION		LENGTH	MAX HEIGHT
	BEGIN	END		
1	20.00' LT "FNE" 34+08.26	145.54 LT "FNE" 38+04.75	497'	44'
2	20.00' LT "NCN" 21+81.74	20.00' LT "NCN" 27+87.11	606'	8'

DESIGNED BY
A. CANNON
DRAWN BY
E. SUDHAUSEN
CHECKED BY
S. BROWN
IN CHARGE
R. COFFIN
DATE
12/31/13

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**

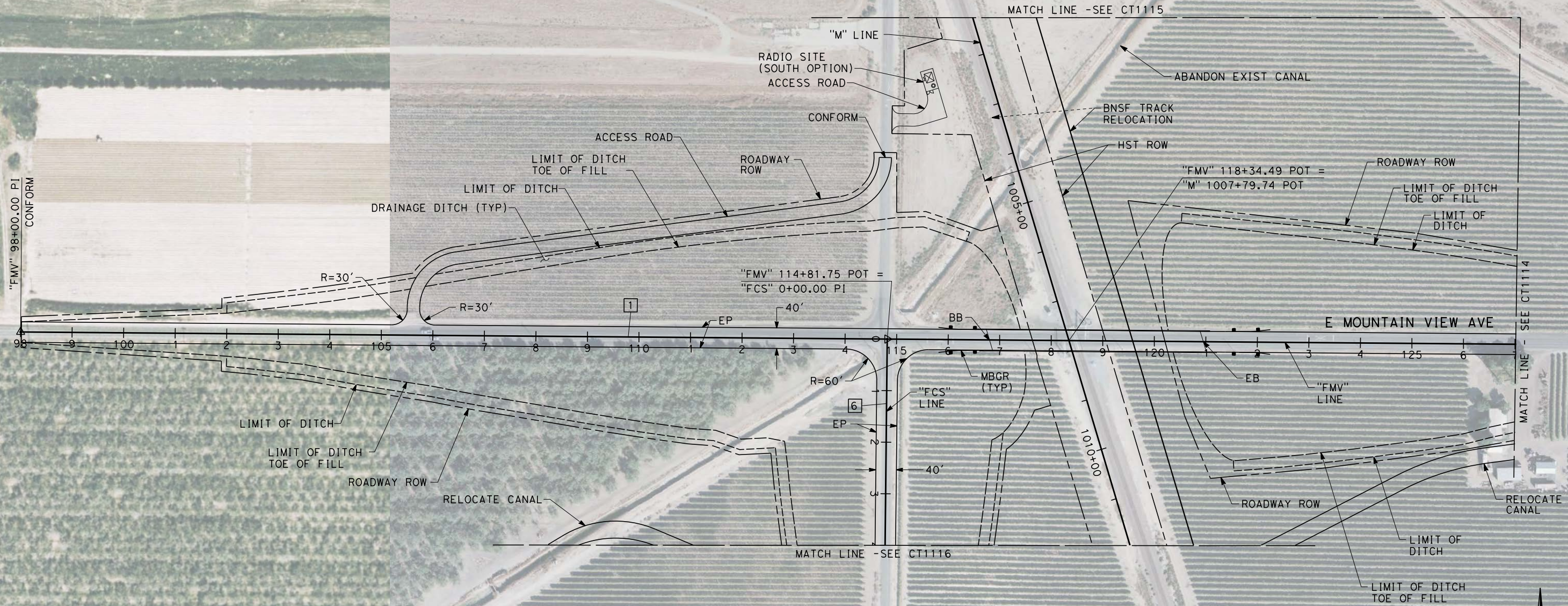


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
MONMOUTH SUBSECTION
ALIGNMENT M
GRADE SEPARATION LAYOUT
E NEBRASKA AVE

CONTRACT NO.
HST 06-0003
DRAWING NO.
CT1112
SCALE
AS SHOWN
SHEET NO.
10 OF 32

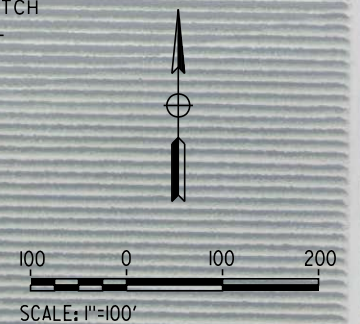
LINE DATA

NO.	BEARING	DISTANCE
1	S89°32'05"E	4200.00'
6	S00°35'56"W	1600.00'



RETAINING WALL DATA

NO.	LOCATION		LENGTH	MAX HEIGHT
	BEGIN	END		
1	180.97' LT "FMV" 116+66.20	94.02 RT "FMV" 117+50.65	288'	30'



\$USER \$ DATE \$ TIME \$ FILES

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CANNON
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 12/31/13

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

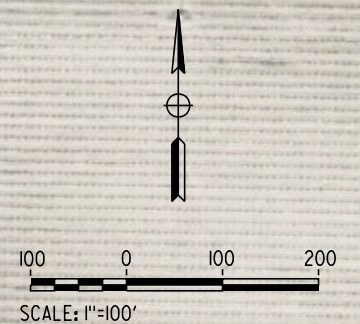
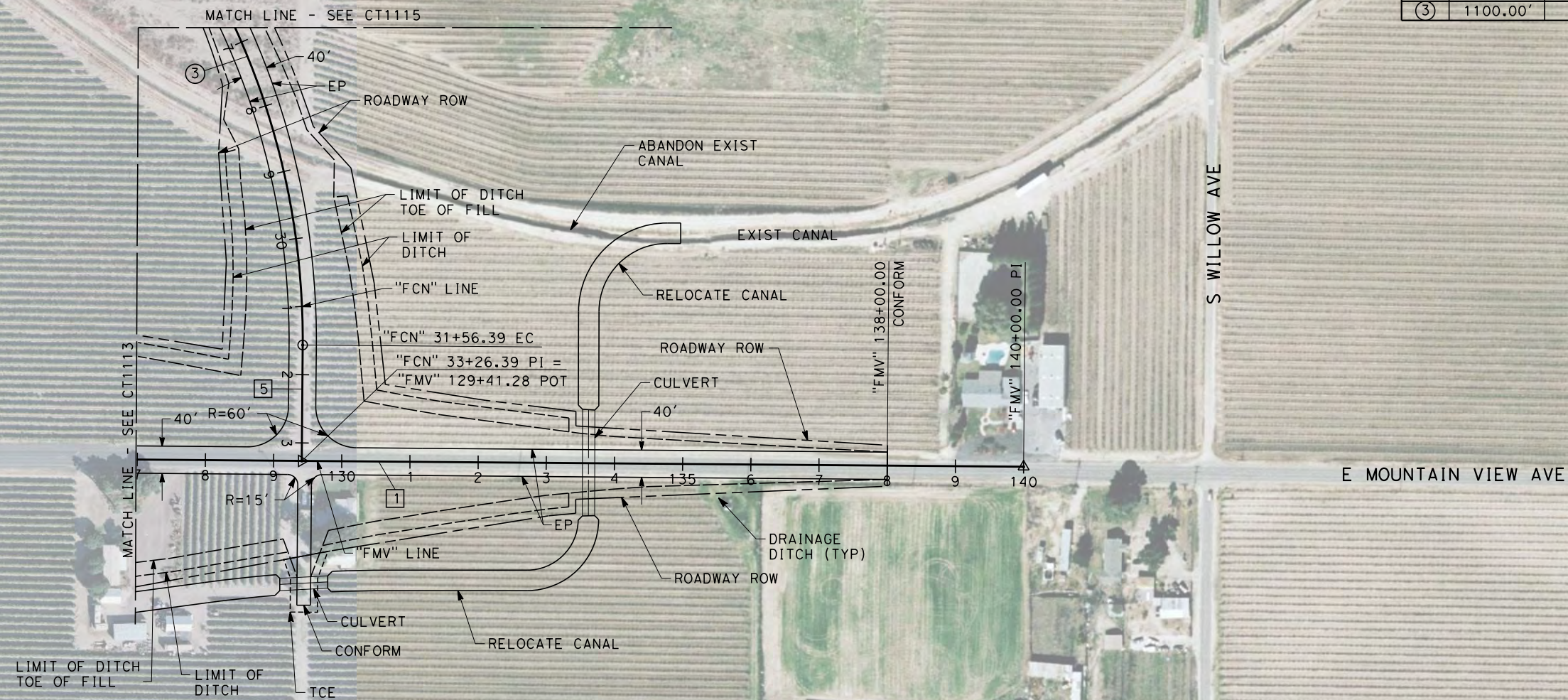
MONMOUTH SUBSECTION
ALIGNMENT M
GRADE SEPARATION LAYOUT
E MOUNTAIN VIEW AVE

CONTRACT NO. HST 06-0003
DRAWING NO. CT1113
SCALE AS SHOWN
SHEET NO. 11 OF 32

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LINE DATA		
NO.	BEARING	DISTANCE
1	S89°02'05"E	4200.00'
5	S00°27'55"W	170.00'

CURVE DATA				
NO.	R	Δ	T	L
(3)	1100.00'	56°27'45"	590.59'	1084.00'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CANNON
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 12/31/13

RECORD SET 15% DESIGN SUBMISSION
NOT FOR CONSTRUCTION



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
MONMOUTH SUBSECTION
ALIGNMENT M
GRADE SEPARATION LAYOUT
E MOUNTAIN VIEW AVE

CONTRACT NO. HSR 06-0003
DRAWING NO. CT1114
SCALE AS SHOWN
SHEET NO. 12 OF 32

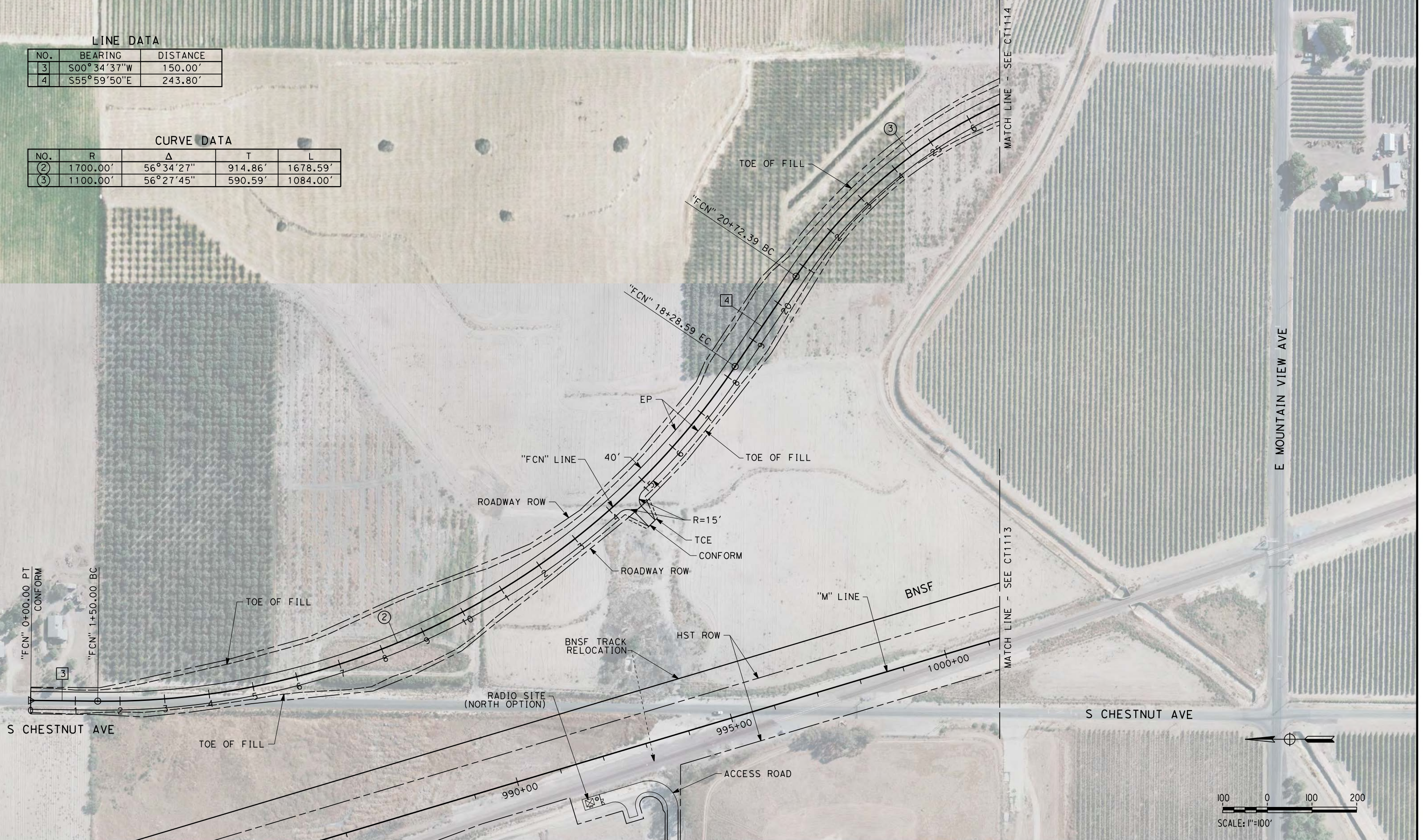
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LINE DATA

NO.	BEARING	DISTANCE
3	S00°34'37"W	150.00'
4	S55°59'50"E	243.80'

CURVE DATA

NO.	R	Δ	T	L
2	1700.00'	56°34'27"	914.86'	1678.59'
3	1100.00'	56°27'45"	590.59'	1084.00'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CANNON
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 12/31/13

**RECORD SET 15%
DESIGN SUBMISSION**

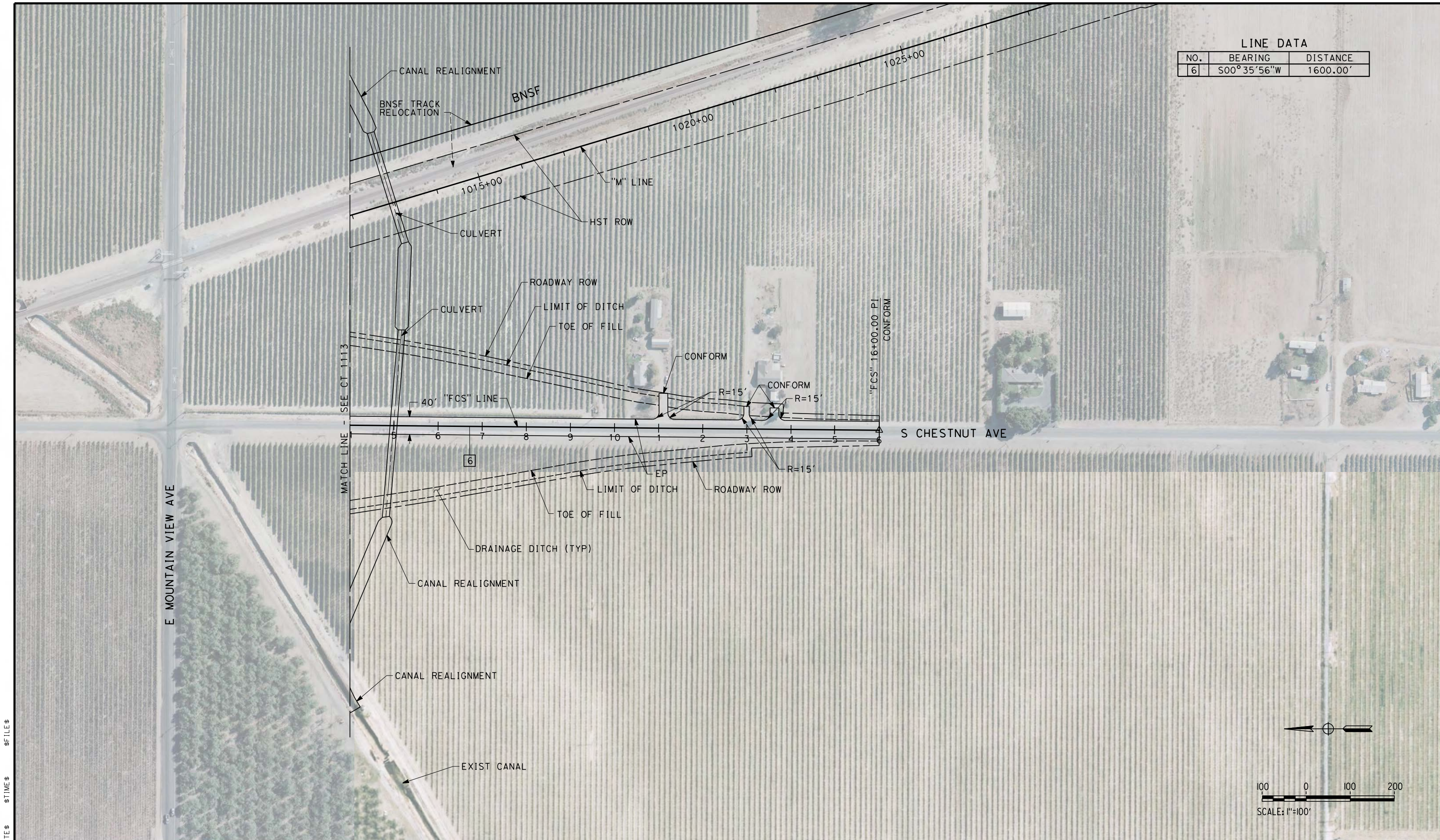
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

MONMOUTH SUBSECTION
ALIGNMENT M
ROADWAY LAYOUT
S CHESTNUT AVE (NORTH)

CONTRACT NO. HSR 06-0003
DRAWING NO. CT1115
SCALE AS SHOWN
SHEET NO. 13 OF 32



LINE DATA		
NO.	BEARING	DISTANCE
6	S00°35'56"W	1600.00'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CANNON
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 12/31/13

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**

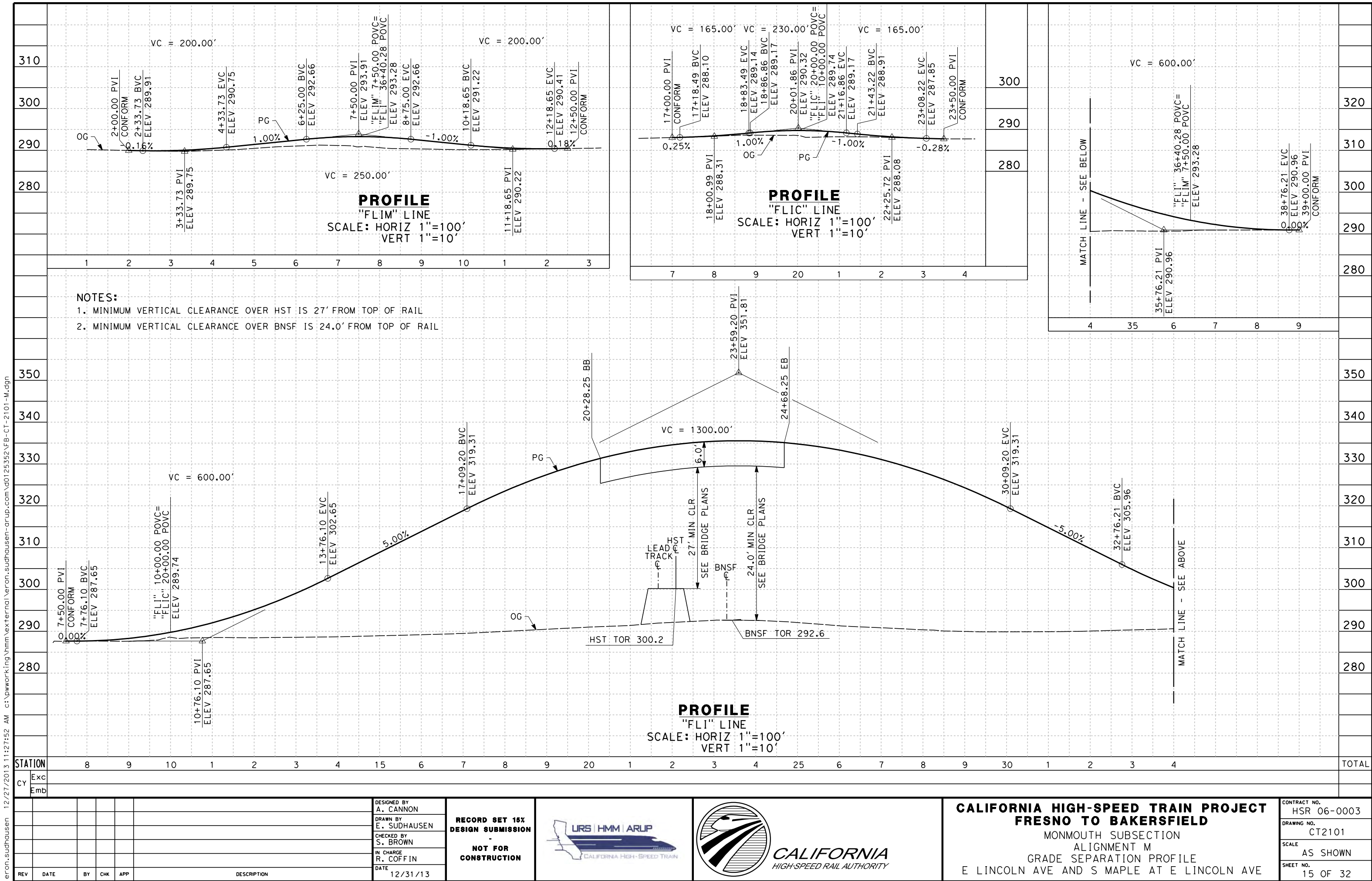


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

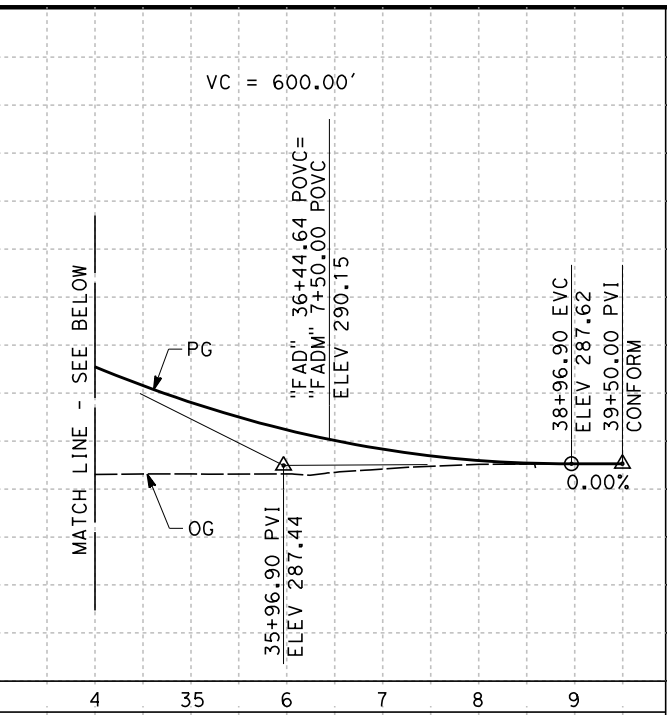
MONMOUTH SUBSECTION
ALIGNMENT M
ROADWAY LAYOUT
S CHESTNUT AVE (SOUTH)




CONTRACT NO. HSR 06-0003
DRAWING NO. CT1116
SCALE AS SHOWN
SHEET NO. 14 OF 32

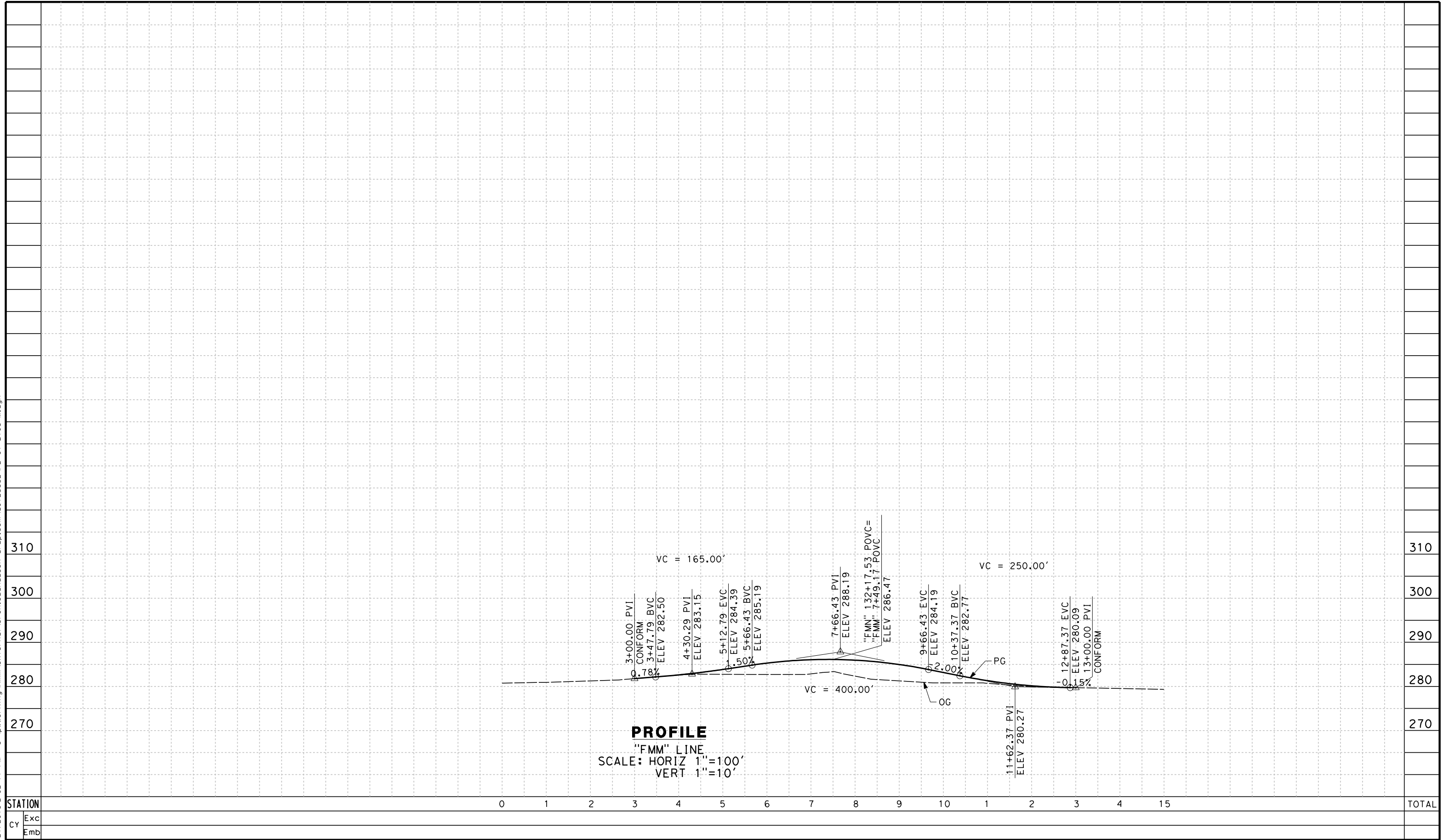
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1. MINIMUM VERTICAL CLEARANCE OVER HST IS 27' FROM TOP OF RAIL
2. MINIMUM VERTICAL CLEARANCE OVER BNSF IS 24.0' FROM TOP OF RAIL



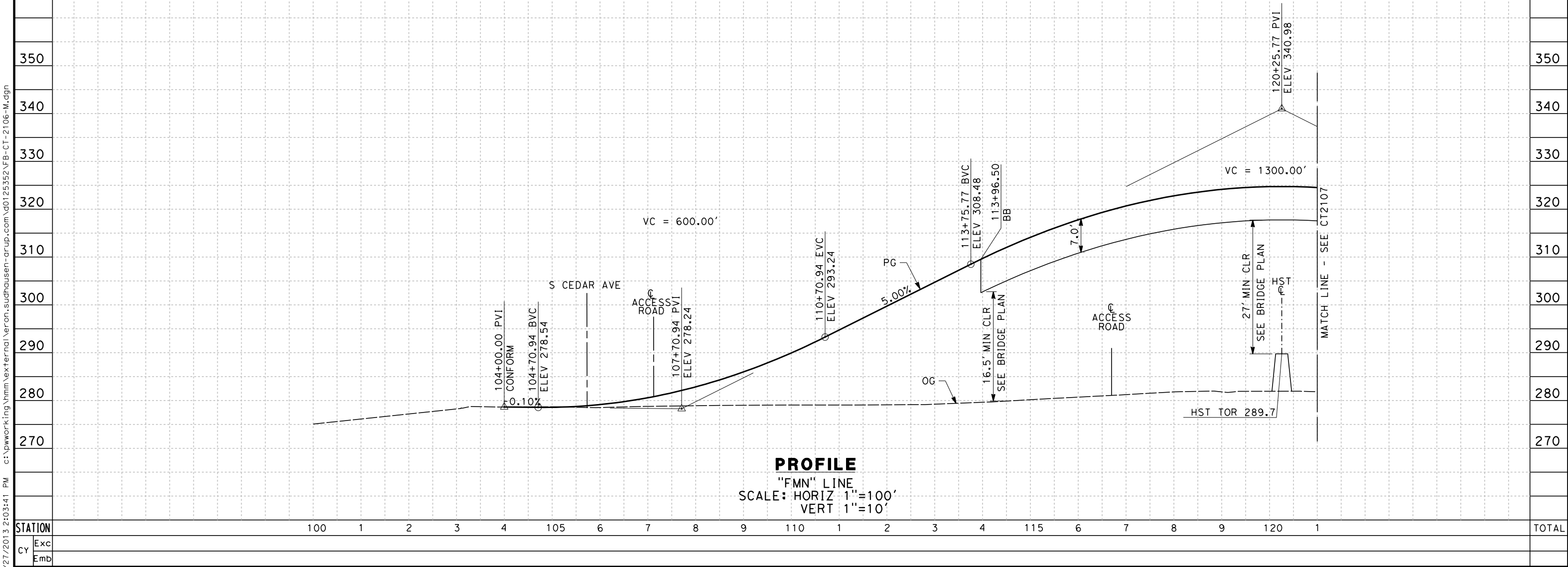
						DESIGNED BY A. CANNON	RECORD SET 15% DESIGN SUBMISSION NOT FOR CONSTRUCTION	 		CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD MONMOUTH SUBSECTION ALIGNMENT M GRADE SEPARATION PROFILE E ADAMS AVE	CONTRACT NO. HSR 06-0003
						DRAWN BY E. SUDHAUSEN					DRAWING NO. CT2103
						CHECKED BY S. BROWN					SCALE AS SHOWN
						IN CHARGE R. COFFIN					SHEET NO. 17 OF 32
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 12/31/13					





						DESIGNED BY A. CANNON	RECORD SET 15% DESIGN SUBMISSION - NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD MONMOUTH SUBSECTION ALIGNMENT M ROADWAY PROFILE S MAPLE AT E MANNING AVE	CONTRACT NO. HSR 06-0003
						DRAWN BY E. SUDHAUSEN					DRAWING NO. CT2105
						CHECKED BY S. BROWN					SCALE AS SHOWN
						IN CHARGE R. COFFIN					SHEET NO. 19 OF 32
						DATE 12/31/13					
REV	DATE	BY	CHK	APP	DESCRIPTION						

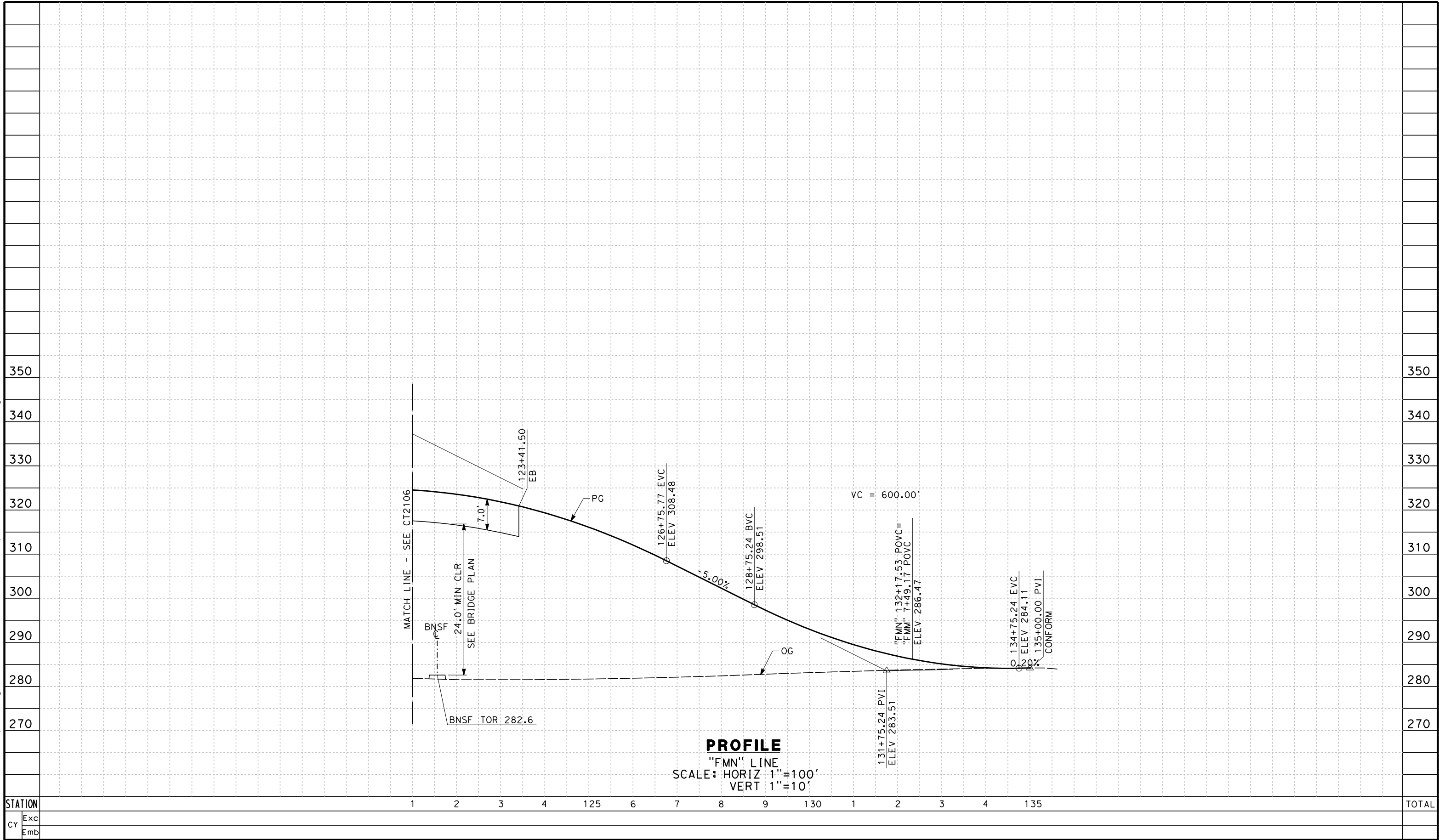
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- NOTES:
- 1. MINIMUM VERTICAL CLEARANCE OVER HST IS 27' FROM TOP OF RAIL
 - 2. MINIMUM VERTICAL CLEARANCE OVER BNSF IS 24.0' FROM TOP OF RAIL
 - 3. MINIMUM VERTICAL CLEARANCE OVER LOCAL STREET IS 16.5' FROM ROAD SURFACE



er on sudhausen						DESIGNED BY A. CANNON	RECORD SET 15% DESIGN SUBMISSION NOT FOR CONSTRUCTION	 	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD MONMOUTH SUBSECTION ALIGNMENT M GRADE SEPARATION PROFILE E MANNING AVE	CONTRACT NO. HSR 06-0003
						DRAWN BY E. SUDHAUSEN				DRAWING NO. CT2106
						CHECKED BY S. BROWN				SCALE AS SHOWN
						IN CHARGE R. COFFIN				SHEET NO. 20 OF 32
						DATE 12/31/13				
REV	DATE	BY	CHK	APP	DESCRIPTION					

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CANNON
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 12/31/13

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**

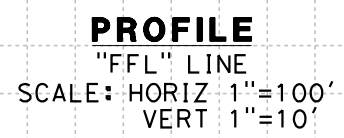


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

MONMOUTH SUBSECTION
ALIGNMENT M
GRADE SEPARATION PROFILE
E MANNING AVE

CONTRACT NO. HSR 06-0003
DRAWING NO. CT2107
SCALE AS SHOWN
SHEET NO. 21 OF 32

1. MINIMUM VERTICAL CLEARANCE OVER HST IS 27' FROM TOP OF RAIL
2. MINIMUM VERTICAL CLEARANCE OVER BNSF IS 24.0' FROM TOP OF RAIL



REV	DATE	BY	CHK	APP	DESCRIPTION

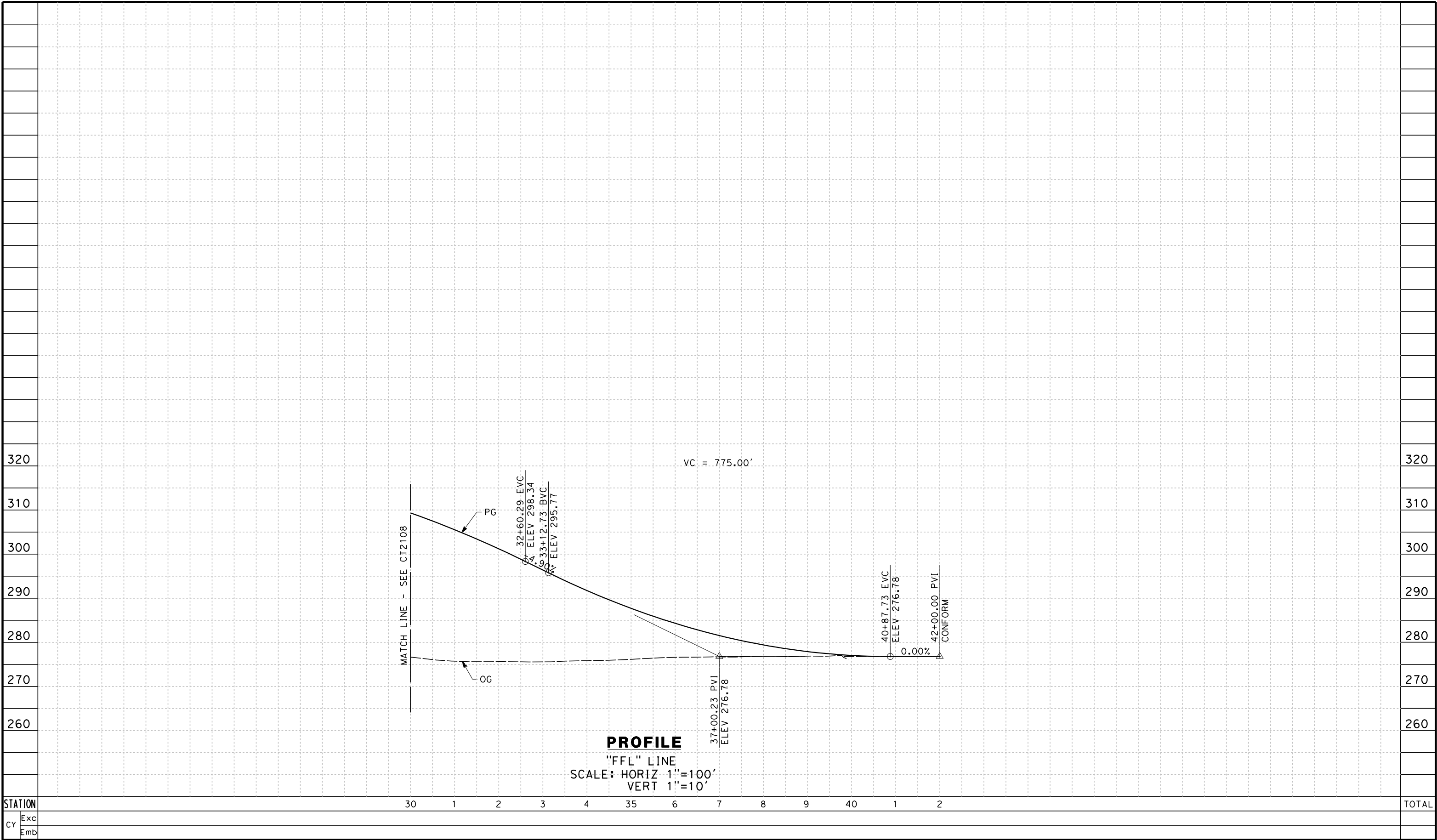
DESIGNED BY A. CANNON
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 12/31/13



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
MONMOUTH SUBSECTION
ALIGNMENT M
GRADE SEPARATION PROFILE
E FLORAL AVE

CONTRACT NO.	HSR 06-0003
DRAWING NO.	CT2108
SCALE	AS SHOWN
SHEET NO.	22 OF 32

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CANNON

DRAWN BY
E. SUDHAUSEN

CHECKED BY
S. BROWN

IN CHARGE
R. COFFIN

DATE
12/31/13

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

MONMOUTH SUBSECTION
ALIGNMENT M
GRADE SEPARATION PROFILE
E FLORAL AVE

CONTRACT NO.
HSR 06-0003

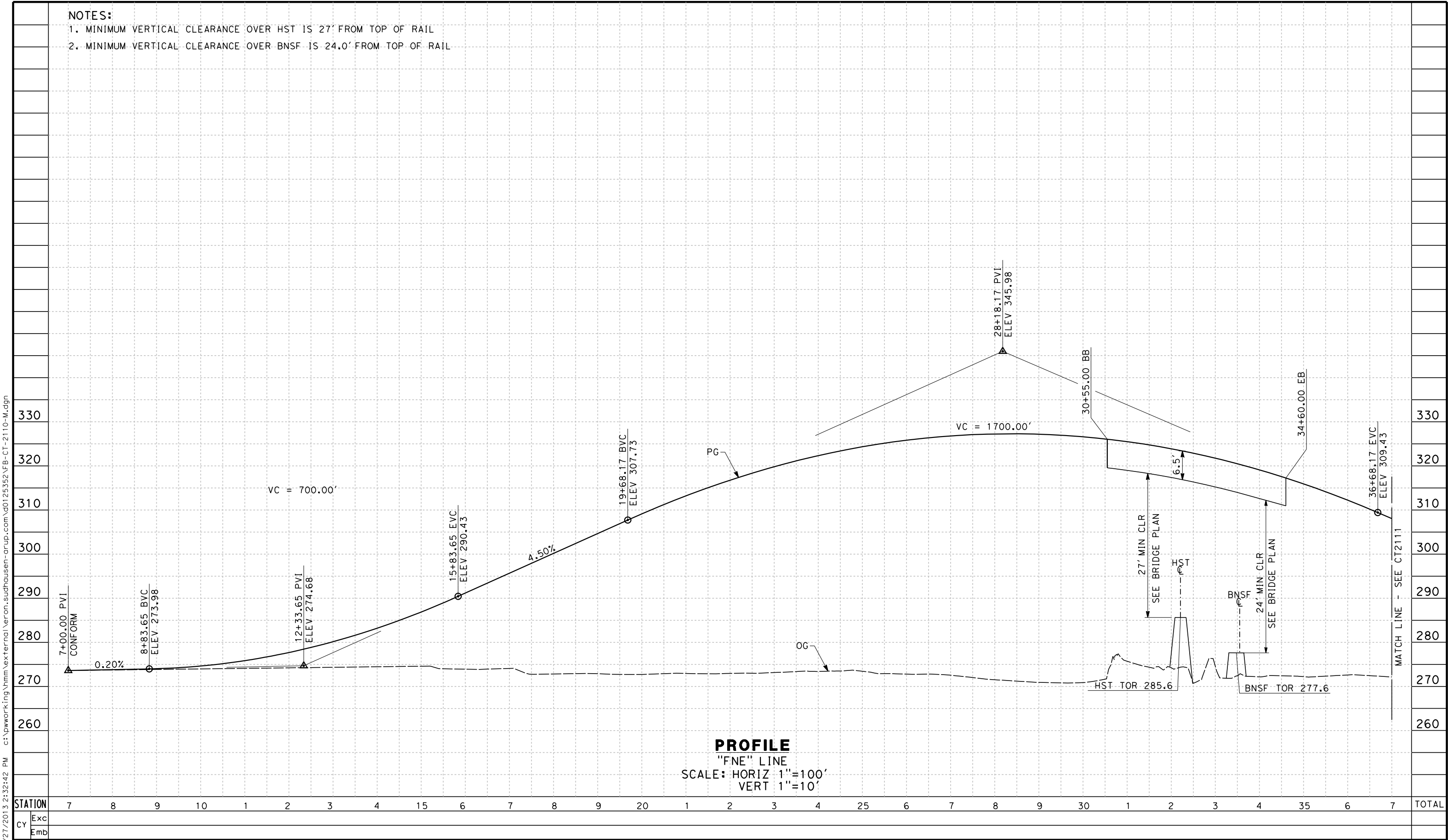
DRAWING NO.
CT2109

SCALE
AS SHOWN

SHEET NO.
23 OF 32

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- NOTES:
- 1. MINIMUM VERTICAL CLEARANCE OVER HST IS 27' FROM TOP OF RAIL
 - 2. MINIMUM VERTICAL CLEARANCE OVER BNSF IS 24.0' FROM TOP OF RAIL



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CANNON
DRAWN BY
E. SUDHAUSEN
CHECKED BY
S. BROWN
IN CHARGE
R. COFFIN
DATE
12/31/13

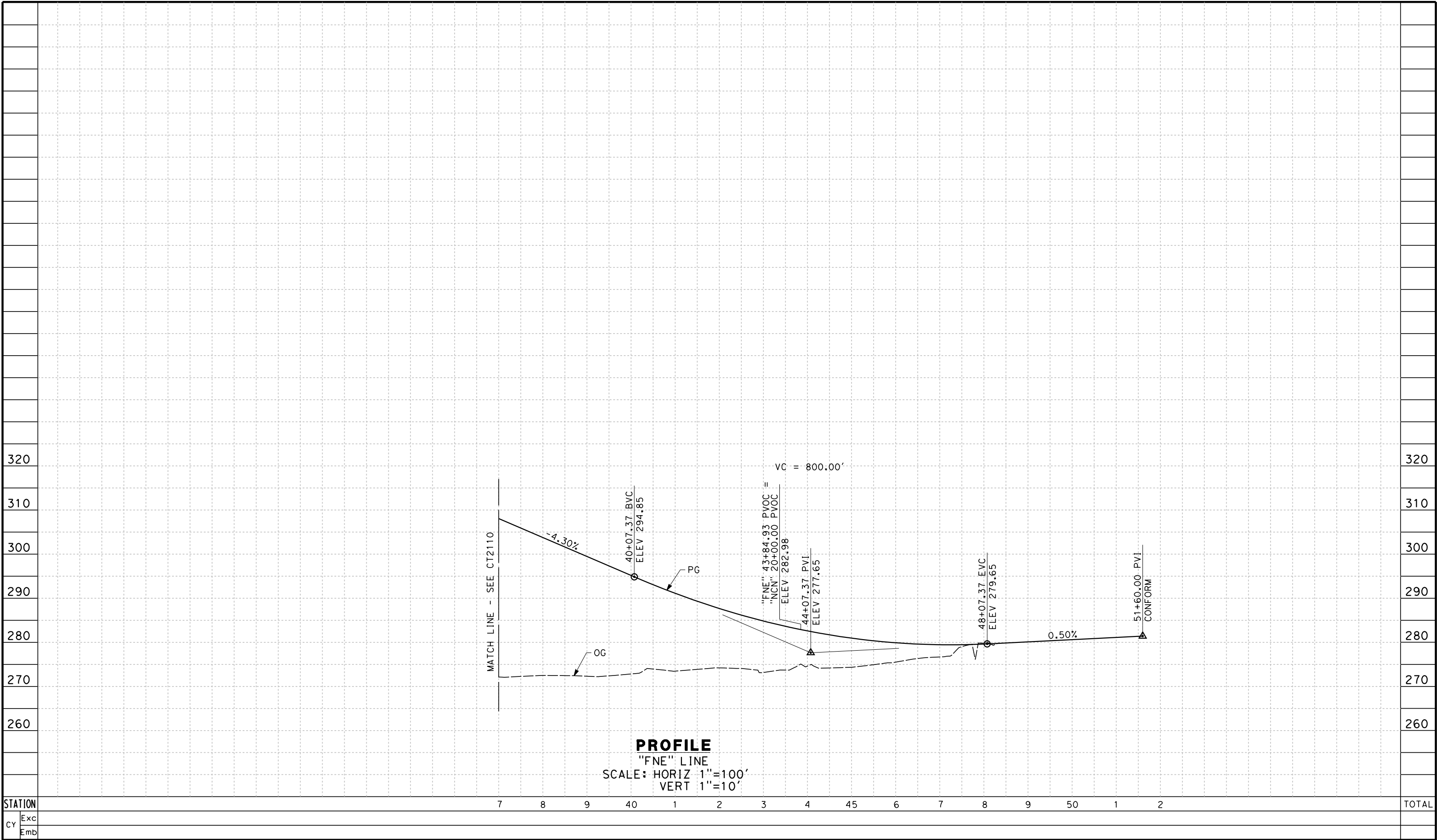
RECORD SET 15%
DESIGN SUBMISSION
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
MONMOUTH SUBSECTION
ALIGNMENT M
GRADE SEPARATION PROFILE
E NEBRASKA AVE

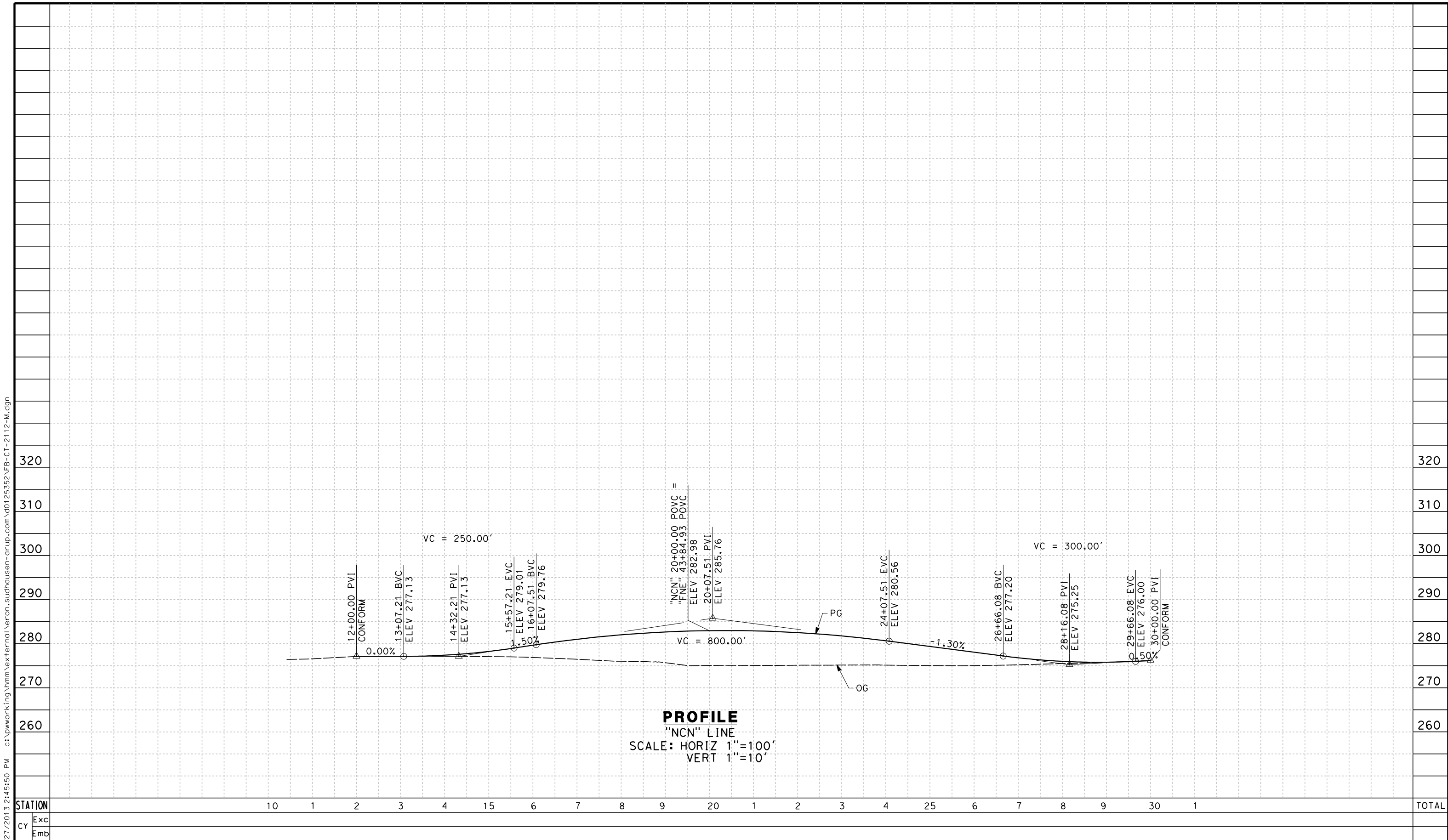
CONTRACT NO.
HSR 06-0003
DRAWING NO.
CT2110
SCALE
AS SHOWN
SHEET NO.
24 OF 32

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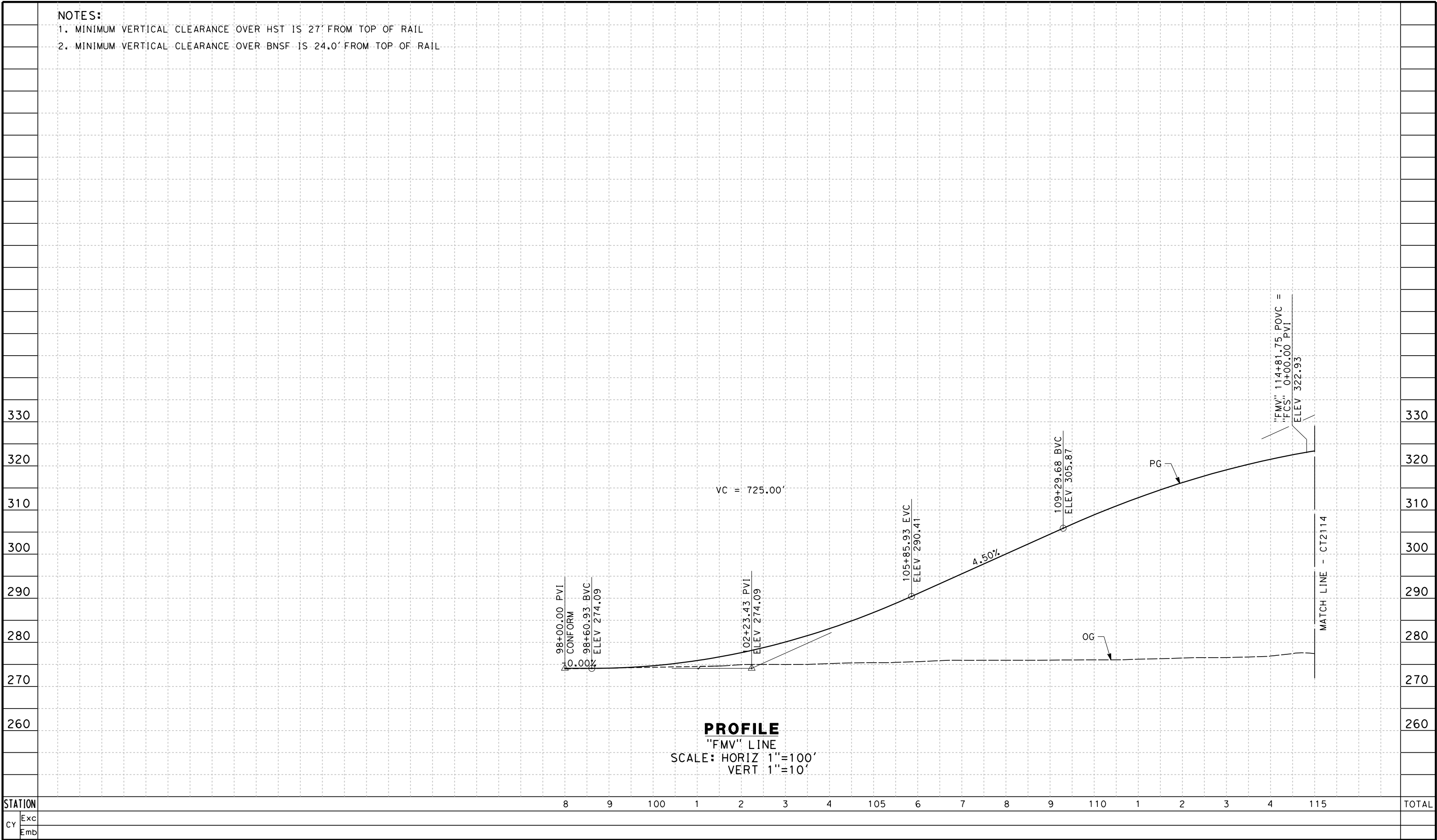
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- NOTES:
- 1. MINIMUM VERTICAL CLEARANCE OVER HST IS 27' FROM TOP OF RAIL
 - 2. MINIMUM VERTICAL CLEARANCE OVER BNSF IS 24.0' FROM TOP OF RAIL



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CANNON

DRAWN BY
E. SUDHAUSEN

CHECKED BY
S. BROWN

IN CHARGE
R. COFFIN

DATE
12/31/13

RECORD SET 15%
DESIGN SUBMISSION

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD

MONMOUTH SUBSECTION
ALIGNMENT M
GRADE SEPARATION PROFILE
E MOUNTAIN VIEW AVE

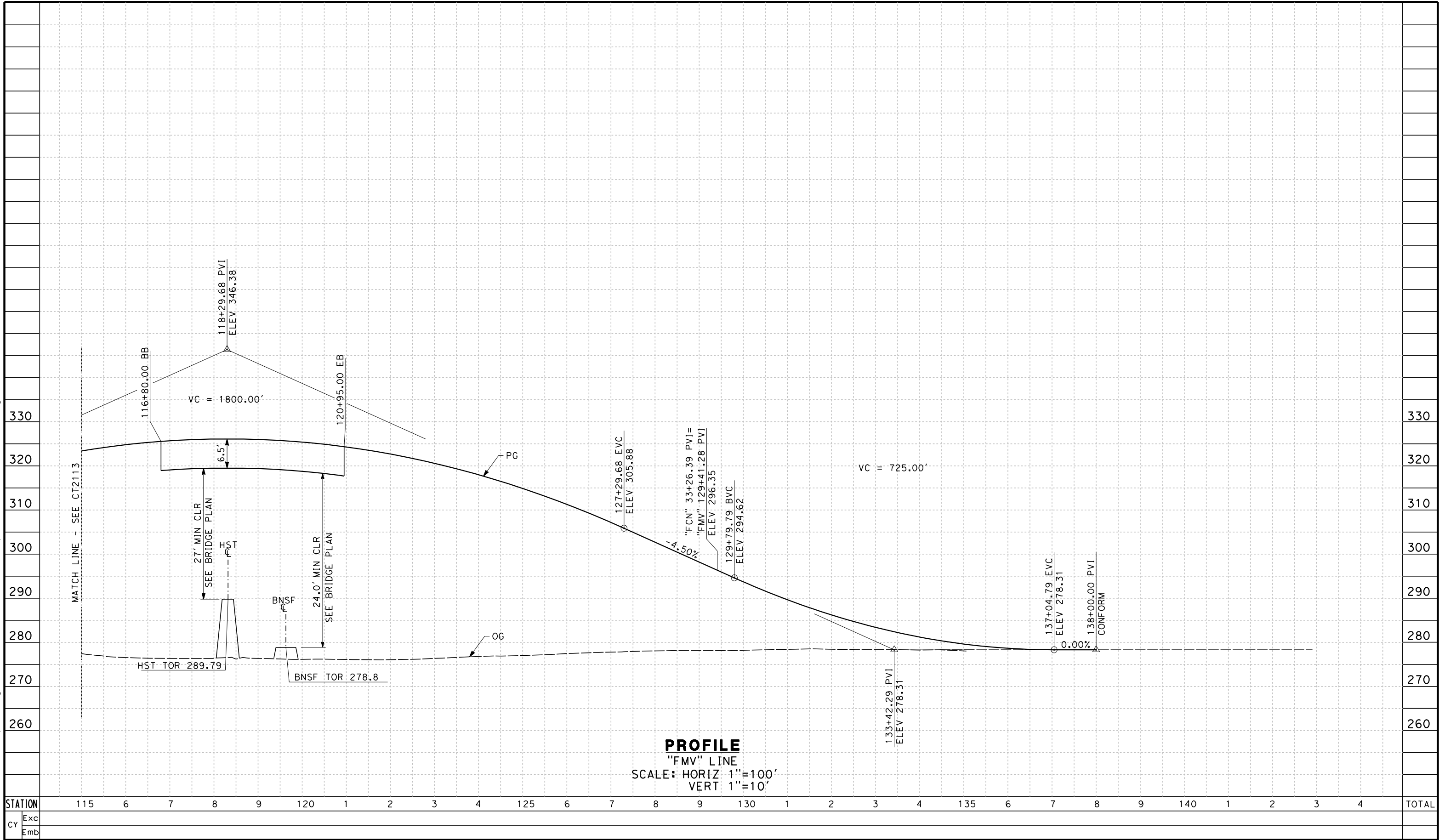
CONTRACT NO.
HSR 06-0003

DRAWING NO.
CT2113

SCALE
AS SHOWN

SHEET NO.
27 OF 32

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CANNON
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 12/31/13

RECORD SET 15%
DESIGN SUBMISSION

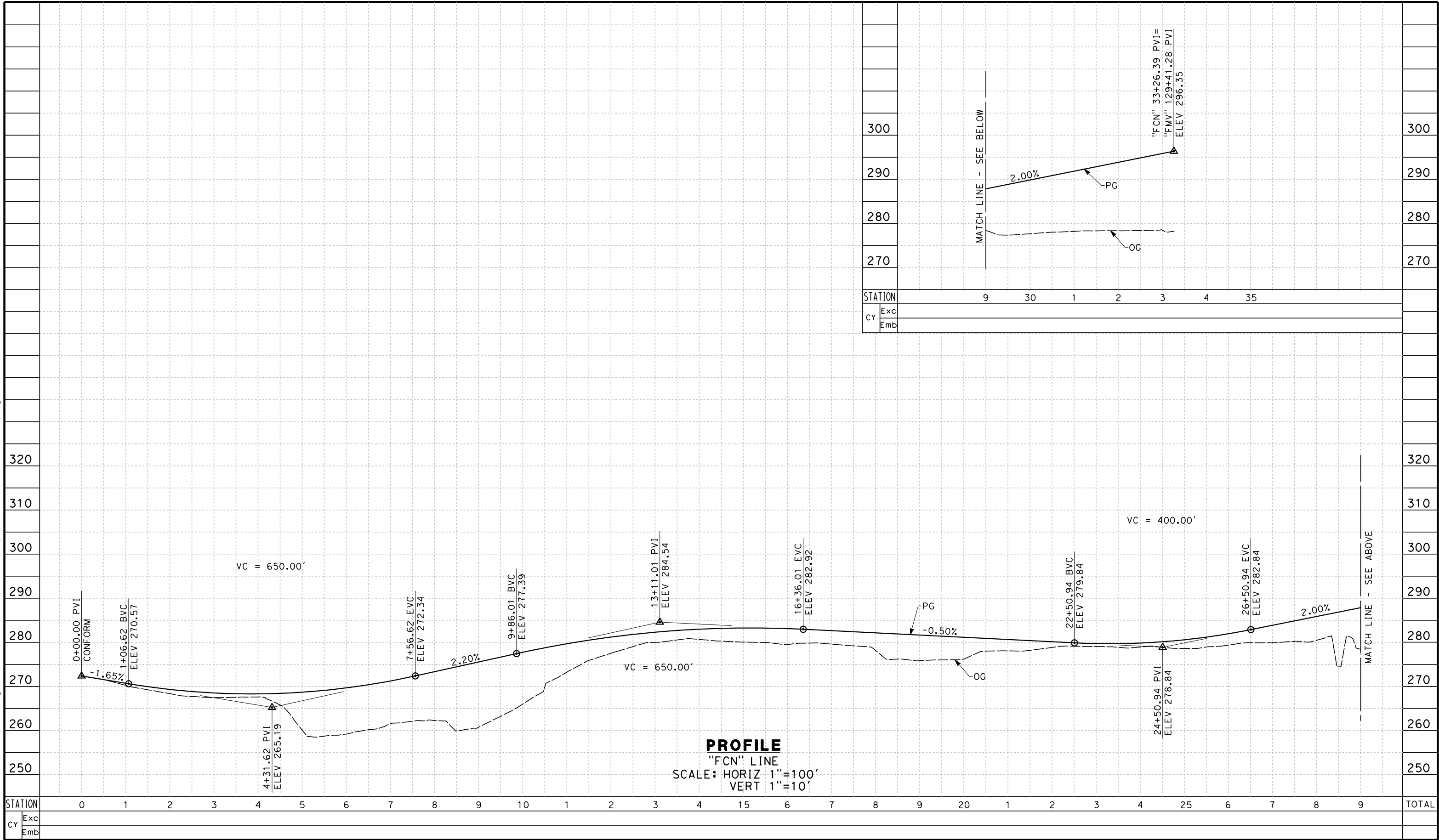
NOT FOR
CONSTRUCTION



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
MONMOUTH SUBSECTION
ALIGNMENT M
GRADE SEPARATION PROFILE
E MOUNTAIN VIEW AVE

CONTRACT NO. HSR 06-0003
DRAWING NO. CT2114
SCALE AS SHOWN
SHEET NO. 28 OF 32

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CANNON
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 12/31/13

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**

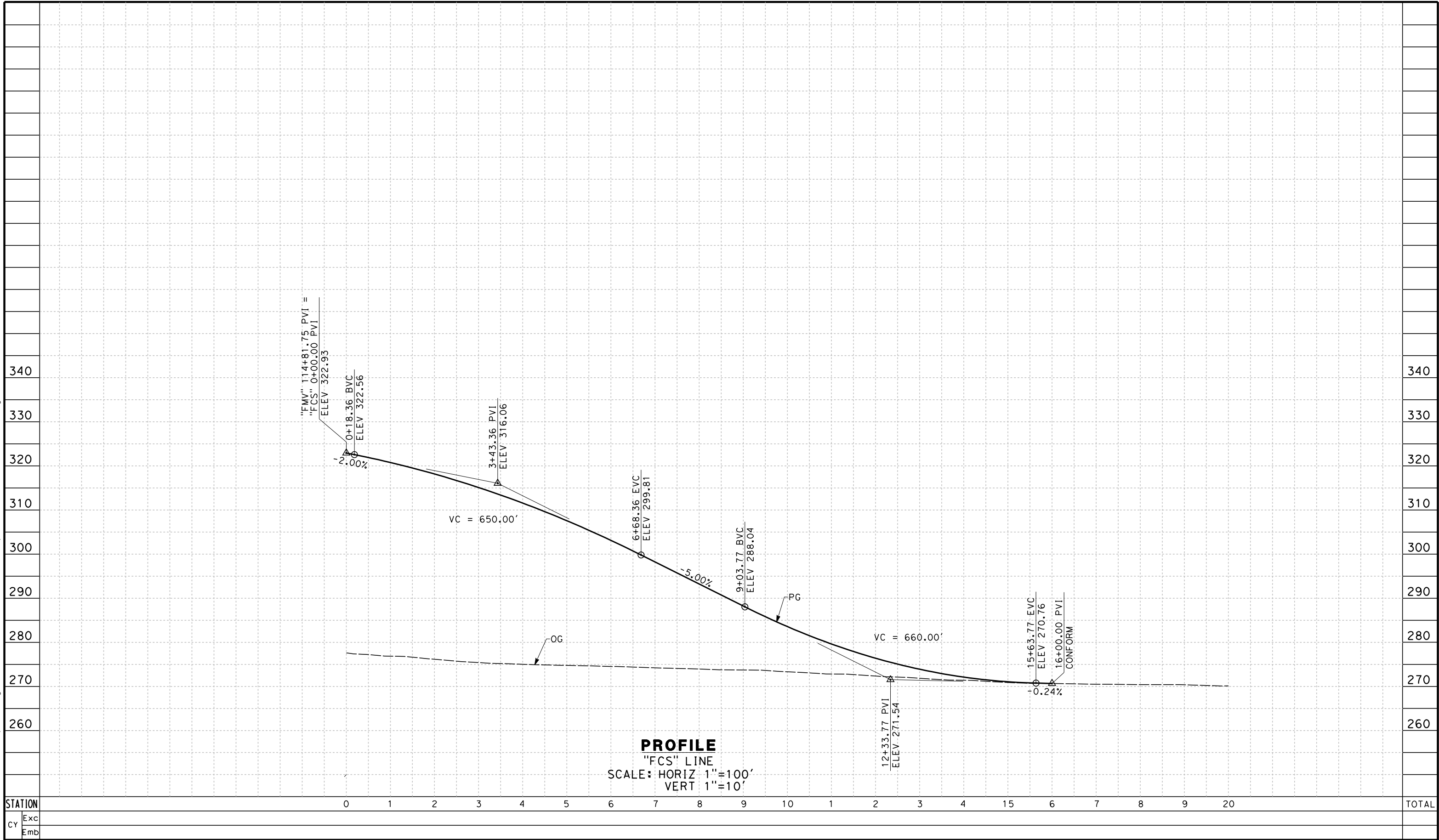


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

MONMOUTH SUBSECTION
ALIGNMENT M
ROADWAY PROFILE
S CHESTNUT AVE (NORTH)

CONTRACT NO. HSR 06-0003
DRAWING NO. CT2115
SCALE AS SHOWN
SHEET NO. 29 OF 32

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CANNON
DRAWN BY
E. SUDHAUSEN
CHECKED BY
S. BROWN
IN CHARGE
R. COFFIN
DATE
12/31/13

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
MONMOUTH SUBSECTION
ALIGNMENT M
ROADWAY PROFILE
S CHESTNUT AVE (SOUTH)

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CT2116
SCALE
AS SHOWN
SHEET NO.
30 OF 32

1. SUPERELEVATION AS SHOWN OR AS DIRECTED BY THE ENGINEER.
2. PAVEMENT SECTIONS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. EXACT DIMENSION AND MATERIAL OF THE PAVEMENT SECTION TO BE CONFIRMED.



1—[0.60' HMA (TYPE A)
1.50' CL2 AB

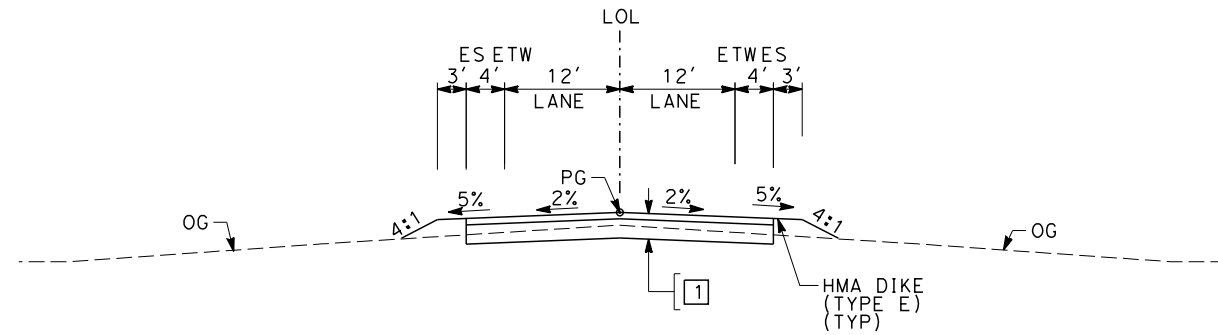


STREET NAME	ALIGNMENT DESIGNATION	DESIGN SPEED	CRITERIA/JURISDICTION
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S MAPLE AVE AT E LINCOLN AVE	FLIM	55	AASHTO/FRESNO COUNTY
S CEDAR AVE AT E LINCOLN AVE	FLIC	55	AASHTO/FRESNO COUNTY
E ADAMS AVE	FAD	55	AASHTO/FRESNO COUNTY
S MAPLE AVE AT E ADAMS AVE	FADM	55	AASHTO/FRESNO COUNTY
S CEDAR AVE AT E ADAMS AVE	FADC	55	AASHTO/FRESNO COUNTY
E SOUTH AVE	FSO	55	AASHTO/FRESNO COUNTY
S MAPLE AVE AT E SOUTH AVE	FSOM	55	AASHTO/FRESNO COUNTY
S CEDAR AVE AT E SOUTH AVE	FSOC	55	AASHTO/FRESNO COUNTY
E MANNING AVE	FMN	55	AASHTO/FRESNO COUNTY
S MAPLE AVE AT E MANNING AVE	FMM	55	AASHTO/FRESNO COUNTY
E FLORAL AVE	FFL	65	AASHTO/FRESNO COUNTY
E NEBRASKA AVE	FNE	65	AASHTO/FRESNO COUNTY
S CHESTNUT AVE AT E NEBRASKA AVE	NCN	65	AASHTO/FRESNO COUNTY
E MOUNTAIN VIEW AVE	FMV	65	AASHTO/FRESNO COUNTY
S CHESTNUT AVE	FCN/FCS	65/55	AASHTO/FRESNO COUNTY

SECTION B

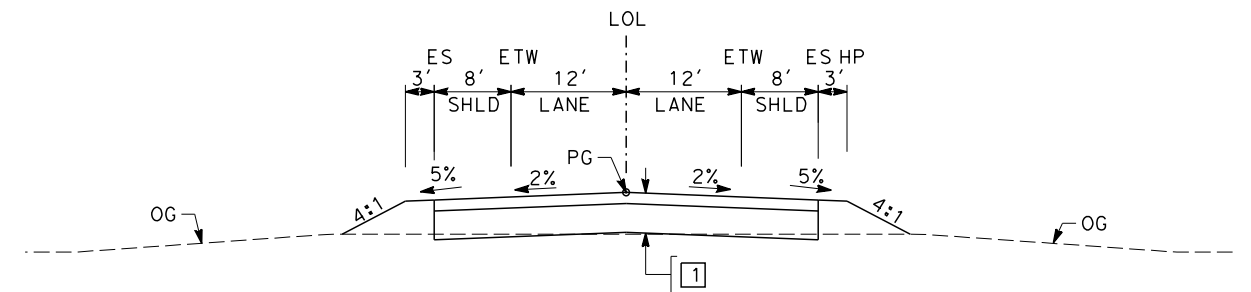
"FSO" 14+00.00 TO 22+67.50
"FSO" 26+42.50 TO 38+00.00

							DESIGNED BY A. CANNON	RECORD SET 15% DESIGN SUBMISSION NOT FOR CONSTRUCTION	 	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD MONMOUTH SUBSECTION ALIGNMENT M ROADWAY / GRADE SEPARATION TYPICAL CROSS SECTIONS	CONTRACT NO. HSR 06-0003
						DRAWN BY E. SUDHAUSEN	DRAWING NO. CT3010				
						CHECKED BY S. BROWN	SCALE NO SCALE				
						IN CHARGE R. COFFIN	SHEET NO. 31 OF 32				
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 03/28/14					



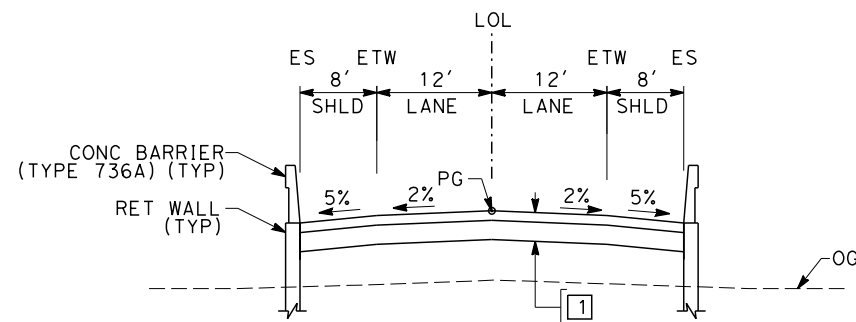
SECTION C

"NCN"	12+00.00	TO	30+00.00	"FSO"	8+50.00	TO	14+00.00
"FLIM"	2+00.00	TO	12+50.00	"FSO"	38+00.00	TO	41+00.00
"FADM"	2+00.00	TO	13+00.00	"FFL"	3+00.00	TO	7+00.00
"FMM"	3+00.00	TO	13+00.00	"FFL"	37+00.00	TO	42+00.00
"FSOM"	6+00.00	TO	16+50.00				



SECTION E

"FADC"	4+00.00	TO	13+00.00	"FMN"	130+00.00	TO	135+00.00
"FSOC"	7+00.00	TO	14+00.00	"FNE"	7+00.00	TO	10+00.00
"FLIC"	17+00.00	TO	23+50.00	"FNE"	43+50.00	TO	51+60.00
"FLI"	7+50.00	TO	10+00.00	"FMV"	98+00.00	TO	102+00.00
"FLI"	36+00.00	TO	39+00.00	"FMV"	133+30.00	TO	138+00.00
"FAD"	7+50.00	TO	10+50.00	"FCS"	13+00.00	TO	16+00.00
"FAD"	36+00.00	TO	39+00.00	"FCN"	00+00.00	TO	28+50.00



SECTION D

"FMN" 109+00.00 TO 113+96.50

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CANNON
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 03/28/14

RECORD SET 15%
DESIGN SUBMISSION

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
MONMOUTH SUBSECTION
ALIGNMENT M
ROADWAY / GRADE SEPARATION
TYPICAL CROSS SECTIONS

CONTRACT NO. HSR 06-0003
DRAWING NO. CT3011
SCALE NO SCALE
SHEET NO. 32 OF 32